SERVICE MANUAL

HOT DELI 3/4/5/7 MERCHANDISERS

VERSIONS

Full service
Full service humidified
Self service

HD 5 full service on pedestal underframe

- NOTICE -

This manual is prepared for the use of trained Service Technicians and should not be used by those not properly qualified. If you have attended a trianing for this product, you may be qualified to perform all the procedures in this manual.

This manual is not intended to be all encompassing. If you have not attended a training for this product, you should read, in its entirety, the repair procedure you wish to performto determine if you have the necessary tools, instruments and skills required to perform the procedure. Procedures for which you do not have the necessary tools, instruments and skills should be performed by a trained technician.

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GENERAL TECHNICAL DATA

This manual covers the Hot Deli Merchandisers. The Merchandisers come in 4 sizes to build-in into an existing counter. Merchandisers will also be deliverd on a underframe.
The Merchandisers come in 3 versions.

- Full service with humidification.
- Full service.
- Self service.

All of the information, illustrations and specifications contained in this manual are based on the latest product information available at the time of printing.

TECHNICAL DATA

Type	HD 3	HD 4	HD 5	HD 7
Power (W) Full service humidified	4600	4900	5100	8600
Power (W) Full Service	3700	4000	4200	7700
Power (W) Self Service	3700	4000	4200	-
Fuses needed with power connection 400V, 3N~50Hz (3 phases with zero)	3x 16 A	3x 16 A	3x 16 A	3x 16 A
Fuses needed with power connection 230V, 3~50Hz (3 phases without zero)	3x 20 A	3x 20 A	3x 20 A	3x 32 A
Fuses needed with power connection 230V, 1N~50Hz (1 phase with zero)	32 A	32 A	32 A	50 A
Standard plug from factory CEE-form 5-pole	16 A	16 A	16 A	16 A
Net weight full service, humidified (kg)	157	210	240	272
Net weight full service (kg)	142	195	225	257
Net weight self service (kg)	136	188	217	-
Gross weight full service, humidified (kg)	212	275	315	355
Gross weight full service (kg)	197	260	300	340
Gross weight self service (kg)	191	253	292	-
Height (mm)	960	960	960	960
Width (mm)	1086	1419	1752	2505
Depth (mm)	1058	1058	1058	1058

Tools

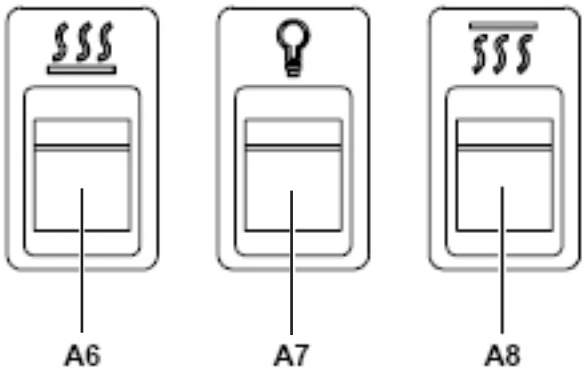
- Standard set of tools.
- Metric wrenches, sockets and hex socket key wrenches.
- Multi meter and AC current clamp meter.
- Temperature tester.
- Insulation value tester (Megger).
- Field Service Grounding Kit.

PROGRAMMING INSTRUCTIONS

DISPLAY SELF SERVICE AND SERVE OVER MODEL

Switch on

1. Switch on the heater with switch A6.
2. Switch on the lighting with switch A7.
3. Also switch on the IR emitters with switch A8 as required.



Switch off

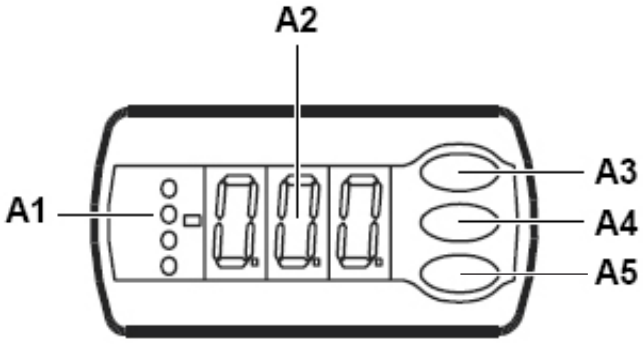
1. Switch off the IR emitter with switch A8.
2. Switch off the lighting with switch A7.
3. Switch off the heating with switch A6.

Check set temperature

The temperature in the warmer is shown on display A2 during use.

1. Press centre key A4.

The set temperature will be shown on the display. The measured temperature in the warmer will again be shown after 20 seconds.



Set the temperature

1. Press centre key A4. The set value will be shown on the display.
2. Set the required temperature using the top (A3) and bottom (A5) keys.
3. Press centre key A4 to save.

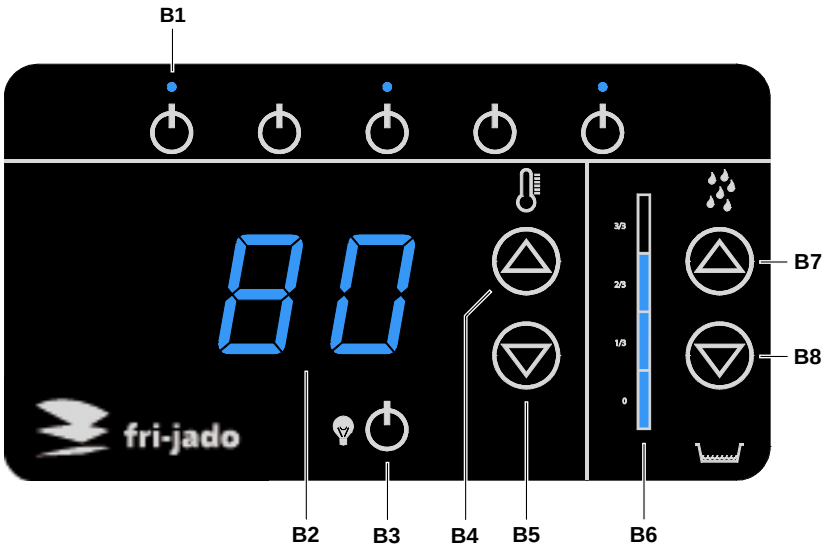
DISPLAY HUMIDIFIED MODEL

Switch on

1. Keep keys B3 and B4 pressed simultaneously for 2 seconds.
2. Switch on the lighting with key B3.
3. Switch on the required IR emitters with keys B1.

Switch off

1. Keep keys B3 and B5 pressed simultaneously for 2 seconds.



Check set temperature

The temperature in the warmer is shown on display B2 during use.

1. Press key B4 or B5 for a short time.

The set temperature will be shown on the display. The measured temperature in the warmer will again be shown after 10 seconds.

Set the temperature

The temperature is set to 80°C and limited between 30°C and 90°C as standard.

1. Press key B4 or B5 for a short time. The set value will be shown on the display with a dot behind the value.
2. Wait 5 seconds; you cannot immediately change the setting.
3. Set the required temperature with keys B4 and B5.
4. Wait until the display again jumps to the measured temperature in the warmer. The adjustment has now been saved.

Topping up the steam tray

You hear a signal as soon as the steam tray requires topping up. Humidification will be automatically switched off.

1. Press key B7 or B8 to stop the sound signal.
2. Fill the steam tray by three quarters (approx. 6,5 L.) with hot water to prevent large temperature differences and severe steam occuring.
   Humidification will be restarted automatically based on the previously set adjustment after topping up. You do not have to set it again.

DISPLAY HUMIDIFIED MODEL (CONTINUED)

Set the humidifier

Water consumption will amount to approx. 1.2 l per hour in relation to the maximum position. Indication bar B6 displays the humidification degree.

- 3/3, humidification 100% switched on;
- 2/3, humidification 67% switched on;
- 1/3, humidification 33% switched on;
- 0, humidification switched off; the bottom segment of the indication bar will flash every 10 seconds.

1. Set the required humidification level with keys B7 and B8.

Set the IR emitters

1. Press keys B1 for a short time to switch on or off the related IR emitter. The indication light on top of the key will light up if the emitter is switched on.

Set the Offset

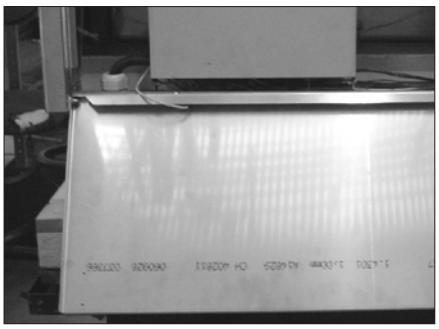
With the offset you only change the temperature indication on the display. The set point will not be changed.

1. Press both temperature keys (B4 and B5) for 5 sec.
2. The offset temperature now appears on the screen with a flashing dot behind the value.
3. Use the temperature keys B4 and B5 to change the offset temperature.
4. After 5 seconds of no keys being pressed the system will return to normal operation.

REMOVAL AND REPLACEMENT OF PARTS

WARNING: Disconnect the electrical power to the machine at the main circuit box. Place a tag on the circuit box indicating the circuit is being serviced.

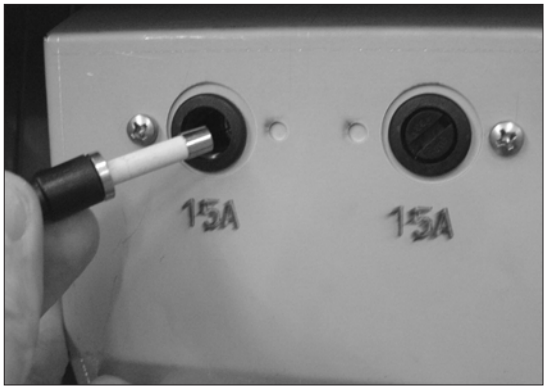
PANELS LEFT AND RIGHT BACK SIDE

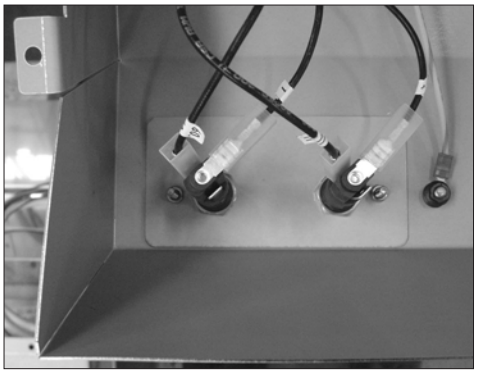


1. Remove the socket screws that secure the panel to the frame.
2. Turn panel towards yourself.
3. Reverse the procedure to install.

Note: The panels can be lifted out from the hinges. First lift out the hinge on the middle panel.

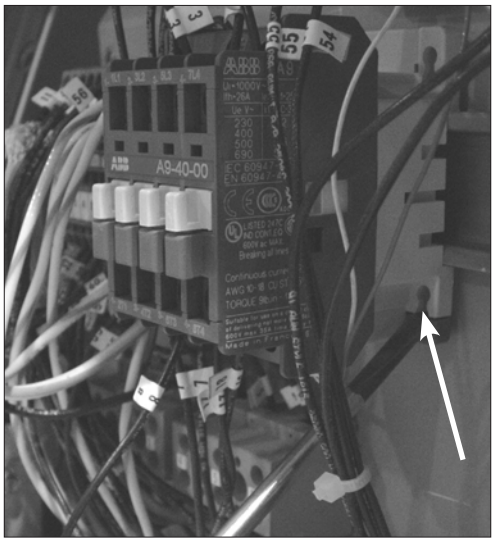
FUSE AND FUSE HOLDER





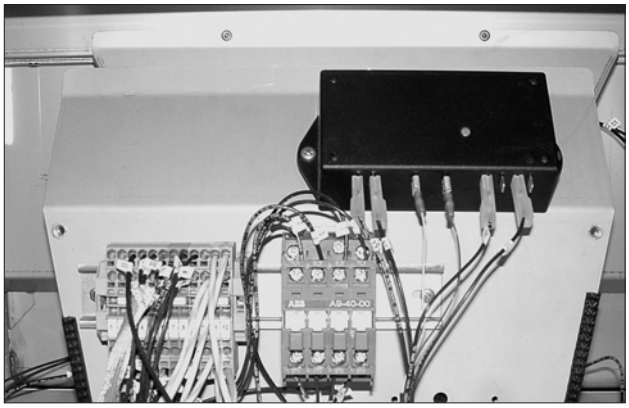
1. Remove the left side panel according prior procedure.
2. Remove the screws that secure the cover plate and turn cover plate towards yourself.
3. Disconnect the wiring from the fuse housing.
4. Remove the flat nut that secures the housing of the fuse and remove the housing.
5. Reverse the procedure to install.

CONTACTOR



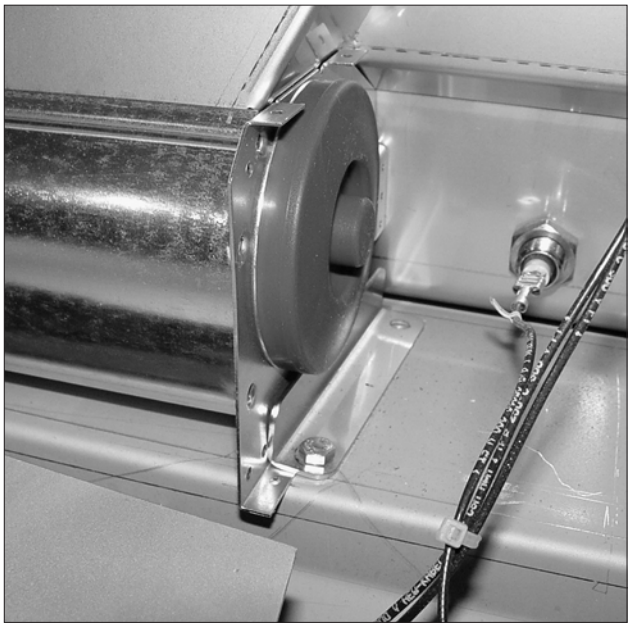
1. Remove the left side panel and the cover plate according prior procedure.
2. Disconnect the lead wires to the contactor.
3. Push down the locking tab and lift out to remove the contactor from the mounting bracket.
4. Reverse the procedure to install.

WATER LEVEL CONTROL, ELECTRONIC



1. Remove the left side panel and the cover plate according prior procedure.
2. Disconnect the wiring of the electronic control.
3. Remove the 2 screws that secure the control and remove the control.
4. Reverse the procedure to install.

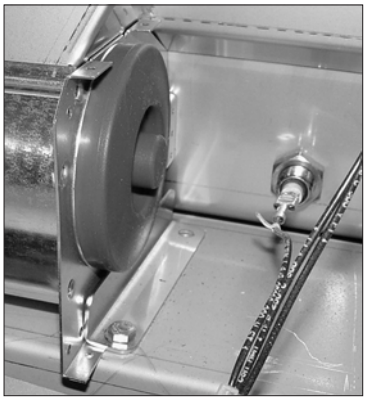
BLOWER, LEFT HAND SIDE

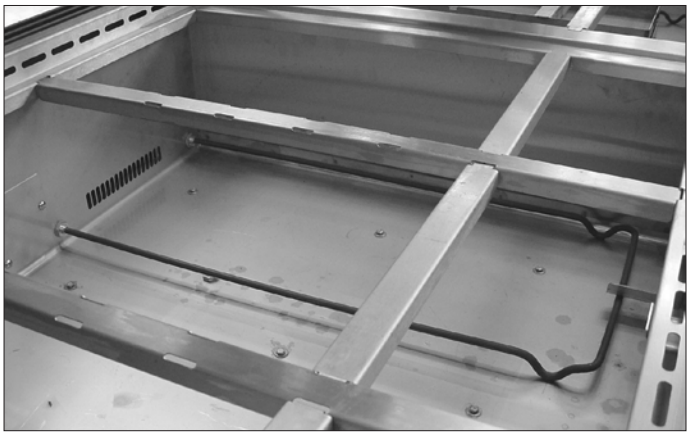


1. Remove the left side panel and the cover plate according prior procedure.
2. Remove the bolt that secures the electric panel and remove this panel.
3. Cut the wiring of the blower.
4. Remove the nuts that secure the clamping profiles on the blower and remover the profiles.
5. Remove the blower by sliding this towards yourself.
6. Reverse the procedure to install.

Note: you have to connect the wiring again with a butt splice.

HEATING ELEMENT, LEFT HAND SIDE



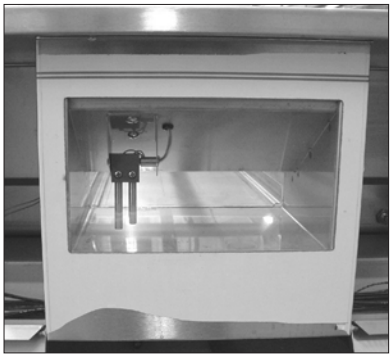


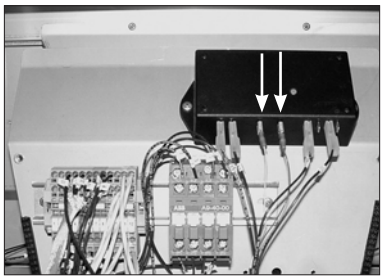
1. Remove the left side panel and the cover plate according prior procedure.
2. Disconnect the wiring from the element.
3. Remove the pans and frame out of the cabinet.
4. Remove the 2 nuts and rings that secure the element and remove the element.
5. Reverse the procedure to install.

PT 1000 SENSOR

1. Remove the left side panel and the cover plate according prior procedure.
2. Remove the bolt that secures the sensor and remove the sensor.
3. Disconnect the wiring.
4. Reverse the procedure to install.

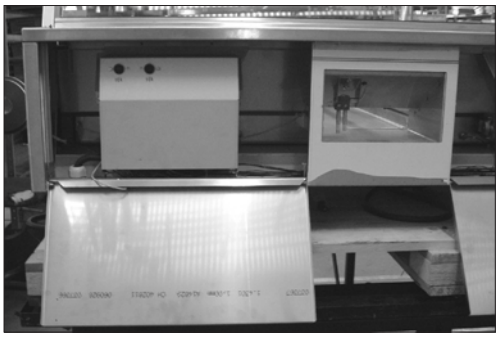
WATER LEVEL SENSOR

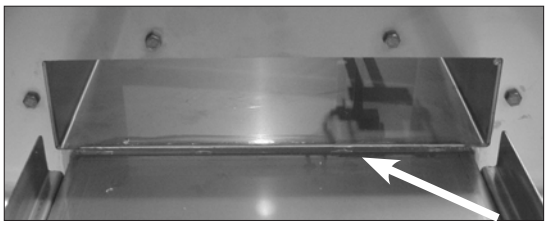


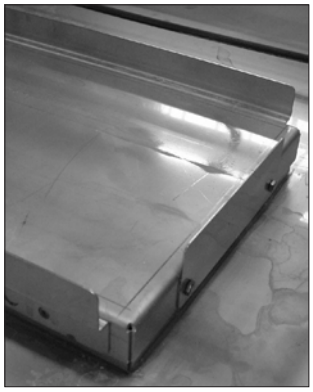


1. Remove the left side panel and the cover plate according prior procedure.
2. Remove the water tray door and the water tray.
3. Disconnect the wiring of the sensor on the electronic water level control (2 middle pins).
4. Remove the 2 nuts and socket screws that secure the sensor bracket and remove the sensor.
5. Reverse the procedure to install.

HEATING ELEMENT WATER TRAY



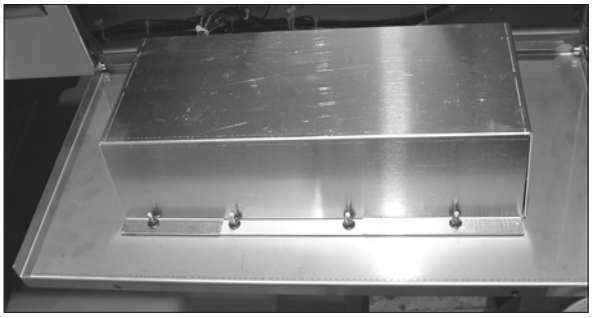


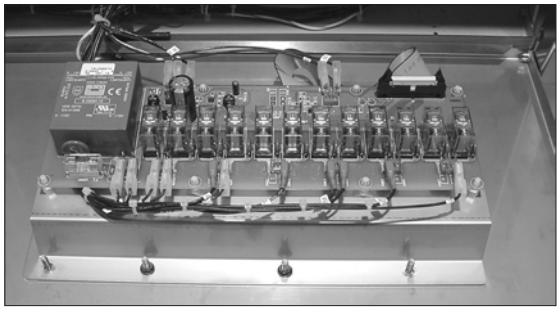


1. Remove the water tray door, the water tray and the pans and frame inside the cabinet.
2. Remove the left and right hand panel on the backside according prior procedures.
3. Disconnect the wiring from the elements.
4. Cut the sealant between cover housing and the inside back plate in the cabinet.
5. Remove the 2 bolts that secure the cover housing of the elements.
6. Slide the cover housing towards customer side and lift it out.
7. Remove the nuts and rings that secure the heating elements and remove the elements.
8. Reverse the procedure to install.

Note: Apply sealant between cover housing and the inside back plate in the cabinet.

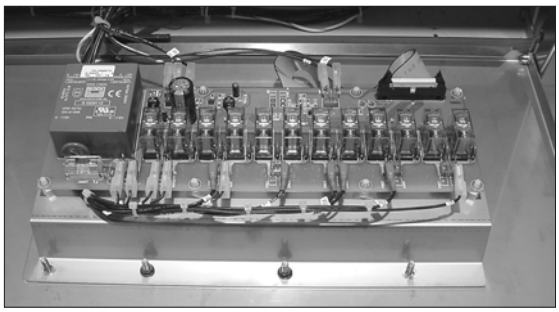
I/O BOARD

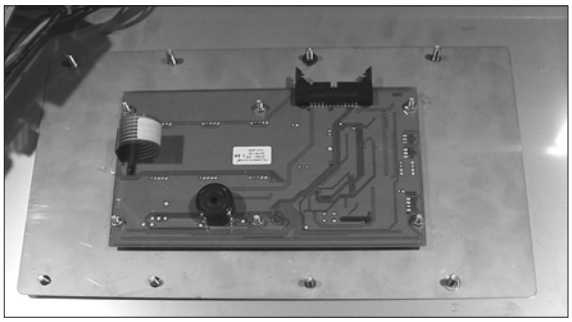


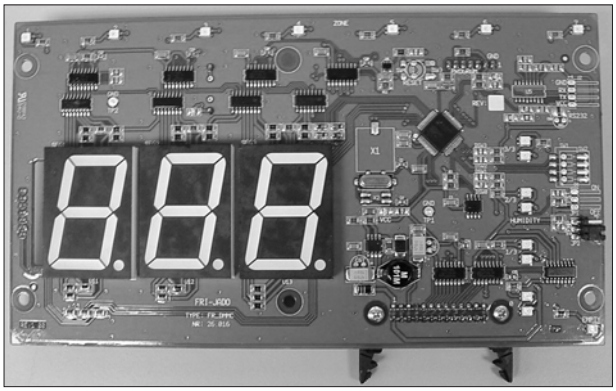


1. Remove the right side panel according prior procedure.
2. Remove the nuts that secure the cover plate and remove the cover plate.
3. Disconnect all wiring and the flat cable.
4. Remove the board from the clips by pressing the clips together.
5. Reverse the procedure to install.

DISPLAY BOARD



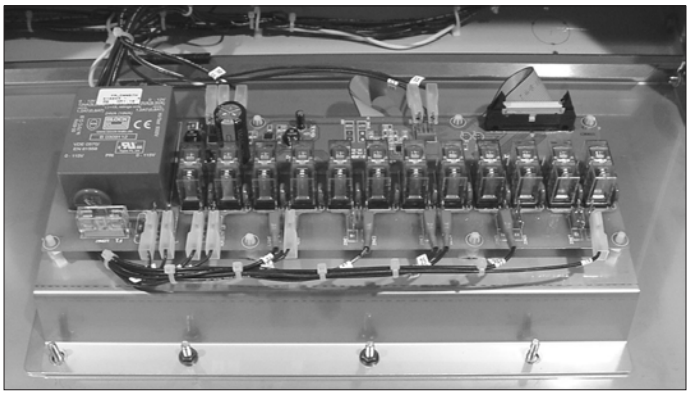


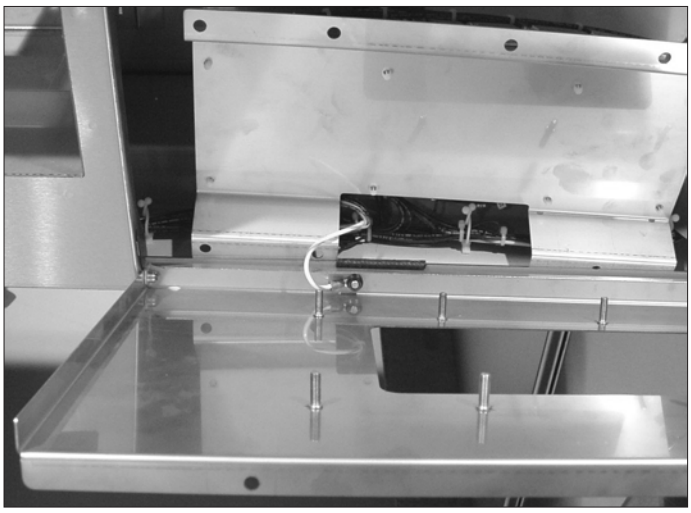


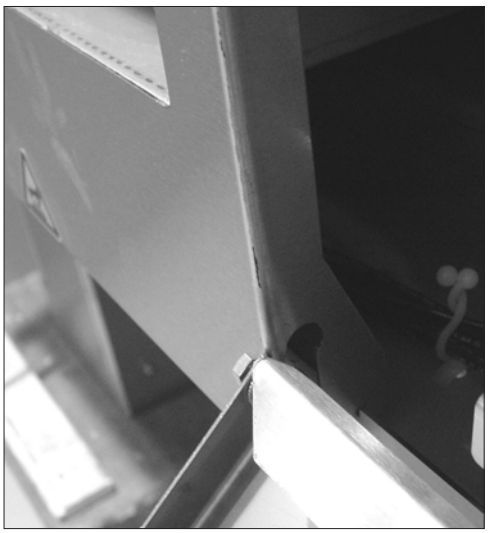
1. Remove the right side panel according prior procedure.
2. Remove the nuts that secure the cover plate and remove this plate.
3. Remove the nuts that secure the mounting plate and remove this plate.
4. Disconnect the grey flat cable and the flat cable from the keypad.
5. Remove the nuts that secure the board and remove the board.
6. Reverse the procedure to install.

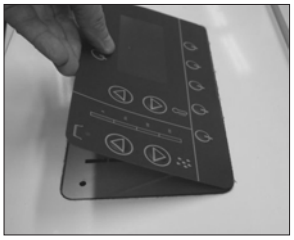
Note: When installing a new board, ensure that the jumper on the new board is set the same as on the old board (°C/°F).

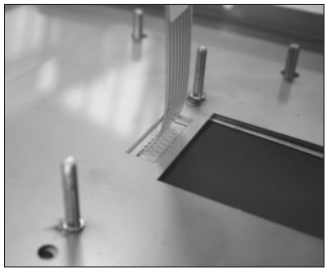
KEYPAD







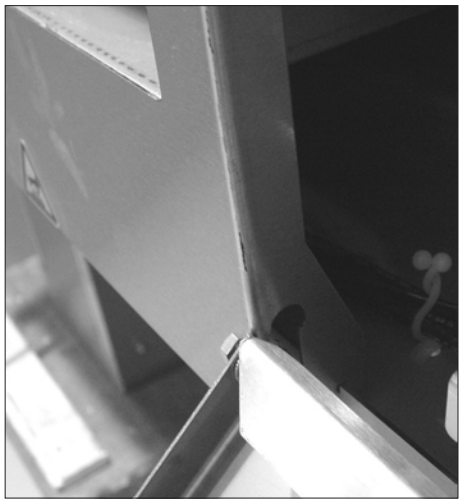




1. Remove the right side panel according prior procedure.
2. Remove the nuts that secure the cover plate and remove this plate.
3. Remove the nuts that secure the mounting plate and remove this plate.
4. Remove the grey flat cable and the flat cable from the keypad.
5. Remove the nuts that secure the display board and remove the board.
6. Remove the nut that secures the earth cable on the panel and remove the cable.
7. Remove the back panel by lifting it out of the hinges.
8. Remove the nut that secures the back plate of the keypad and remove this plate.
9. Remove the keypad and clean the surface with a degreaser.
10. Fasten the back plate back on the panel and apply the keypad.
11. Apply acid free sealant around the green flat cable.
12. Reverse the procedure to install.

Note: It is also possible to order a complete back plate with keypad.

THERMOSTAT DANFOSS EKC 102A

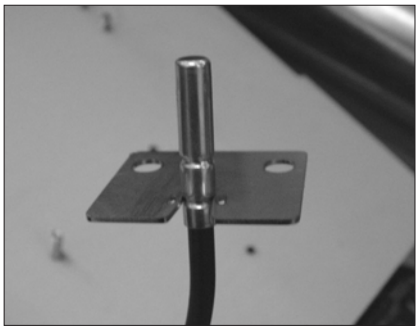


1. Remove the left and right hand panel according prior procedures.
2. Remove the left and right back panel by lifting them out of the hinges.
3. Remove the socket screws that secure the middle panel and turn the panel towards yourself.
4. Loosen the blocking clips on the sides of the thermostat and remove the thermostat.
5. Disconnect the wiring.
6. Reverse the procedure to install.

Note: Set all parameters in the new thermostat.

SENSOR THERMOSTAT

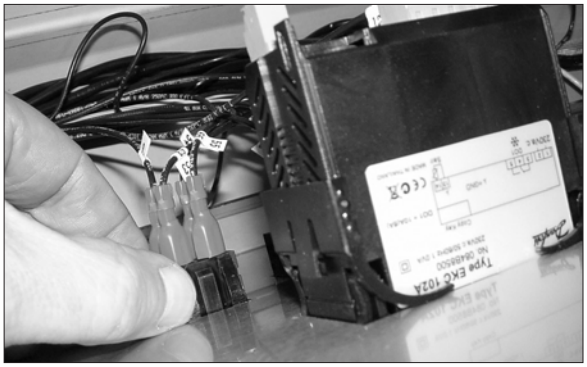
1. Remove the middle panel according prior procedures.
2. Disconnect the wiring of the sensor on the thermostat.
3. Remove the socket screws that secure the sensor holder and remove the holder.
4. Remove sensor from holder.
5. Reverse the procedure to install.



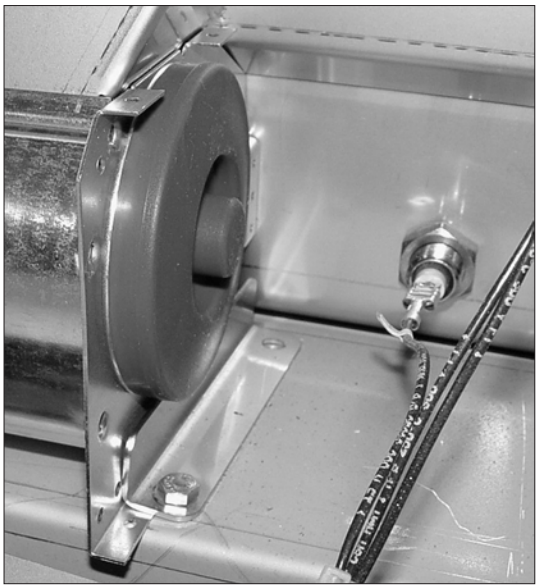
Note: The place of the sensor is the same for the full and self service models.

TUMBLE SWITCH LIGHT AND HEATING

1. Remove the middle panel according prior procedures.
2. Disconnect the wiring.
3. Remove the switch by pushing the clamps on both sides.
4. Reverse the procedure to install.



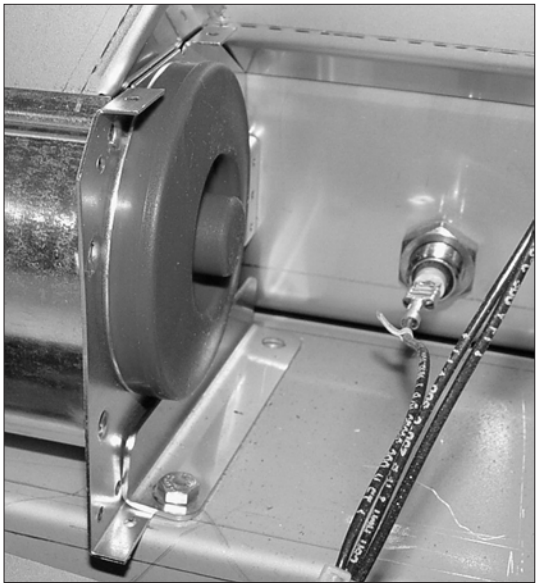
BLOWER RIGHT HAND SIDE

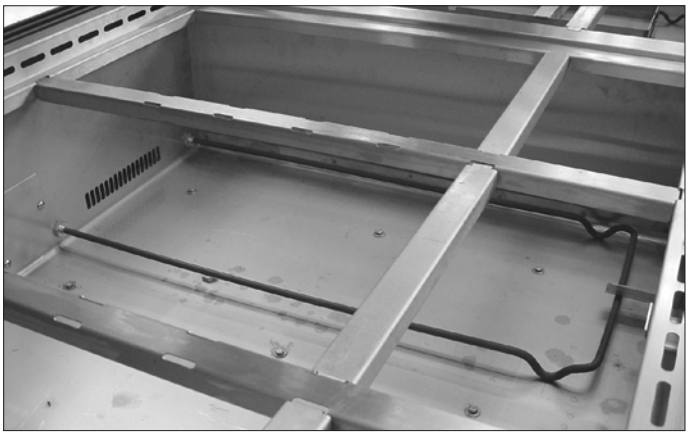


1. Remove the right side panel according prior procedure.
2. Cut the wiring of the blower.
3. Remove the nuts that secure the clamping profiles on the blower and remover the profiles.
4. Remove the blower by sliding this towards yourself.
5. Reverse the procedure to install.

Note: you have to connect the wiring again with a butt splice.

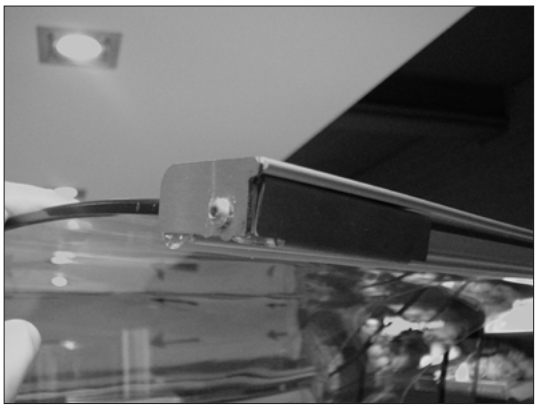
HEATING ELEMENT RIGHT HAND SIDE





1. Remove the right side panel according prior procedure.
2. Disconnect the wiring from the element.
3. Remove the pans and frame out of the cabinet.
4. Remove the 2 nuts and rings that secure the element and remove the element.
5. Reverse the procedure to install.

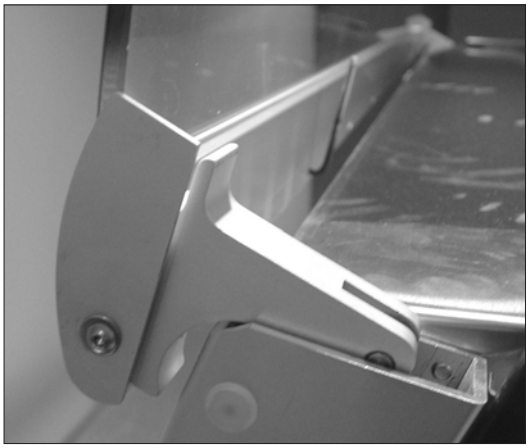
FRONT GRIP MAGNETS



1. Remove the screw securing the side plate of the grip.
2. Remove the magnet holder by sliding it outwards, a controlled knock with a hammer might be necessary to remove the magnet holder.
3. Reverse procedure to install

Note: the appliance has two separate sets of magnet holders, another set is located inside the front profile.

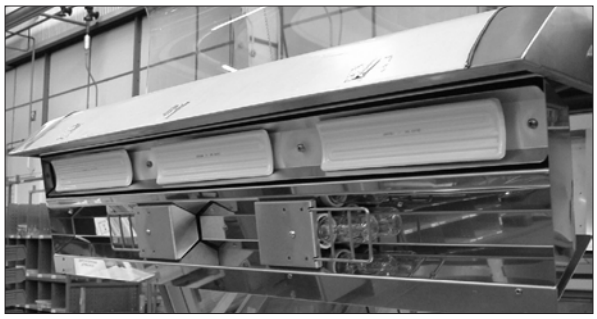
CURVED GLASS

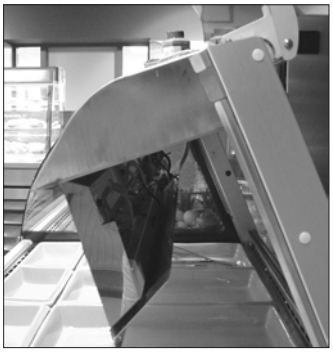


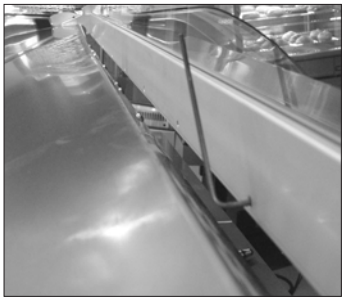
1. Turn the curved glass to the top position.
2. Remove the cover plates on the mounting profile (if necessary).
3. Loosen the adjusting screws that secure the glass with the special torques key TX15.
4. Remove the curved glass.
5. Remove the frontgrip magnets according to prior procedure
6. Place the new glass with the plastic protection profile.
7. Reverse the procedure to install.

Note 1: The cover plates are fixed with high temperature resistant sealant.
Note 2: Special torques key (TX15) is supplied with the delivery of a new curved glass.

CURVED GLASS (ALTERNATIVE PROCEDURE WHEN TORQUES KEY IS NOT AVAILABLE)



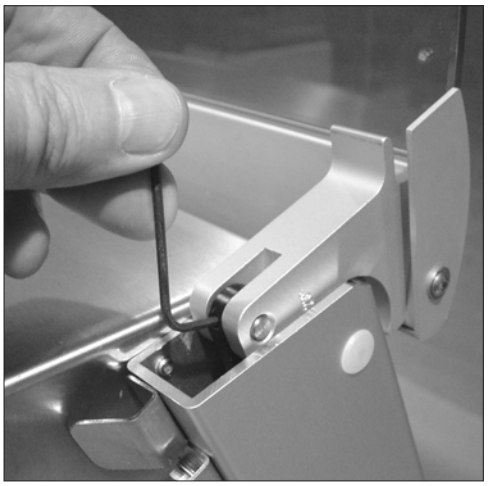




1. Turn curved glass to top position.
2. Remove the socket screws that secure the reflector and turn the deflector downwards.
3. Remove on left and right top side the upper bolts that secure the light fixture to the console.
4. Loosen the lower bolts on left and right top side.
5. Turn the light fixture downwards, to create extra space for a regular allen key or torques key.
6. Loosen the adjusting screws that secure the glass.
7. Remove the curved glass.
8. Place the new glass with the plastic protection profile.
9. Reverse the procedure to install.

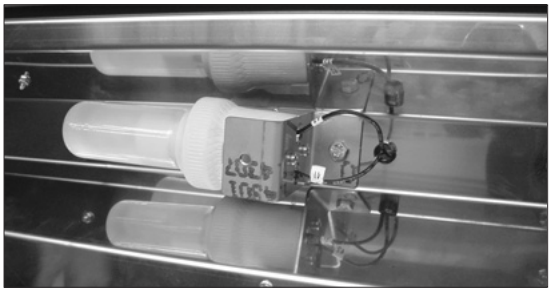
Note: When replacing the curved glass also transfer the frontgrip magnets from the old glass to the new glass.

GAS SPRING



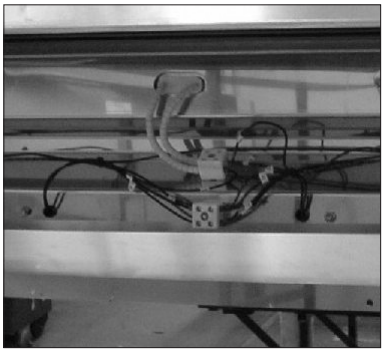
1. Turn the curved glass to the top position.
2. Loosen the adjusting screw on the gas spring.
3. Remove the pin out of the gas spring. Be aware of supporting the glass.
4. Remove the gas spring.
5. Reverse the procedure to install.

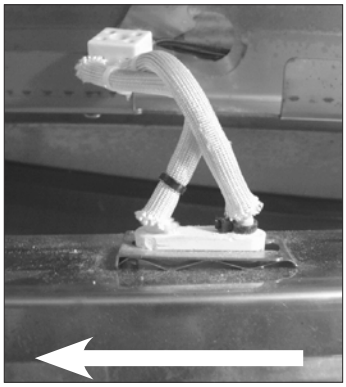
LAMP HOLDER



1. Remove the socket screws that secure the reflector and turn the reflector downwards.
2. Remove the bolt, or wingscrew, that secures the protection of the lamp and remove the protection.
3. Remove the bolt and nut that secures the bracket on the lamp holder and remove the bracket.
4. Disconnect the wiring.
5. Remove the screws that secure the lamp holder and remove the holder.
6. Reverse the procedure to install.

CERAMIC ELEMENT

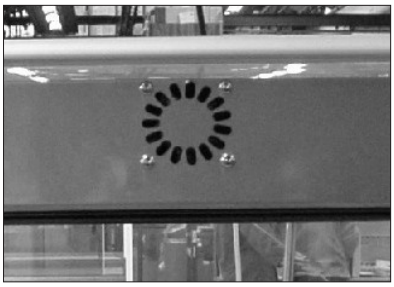




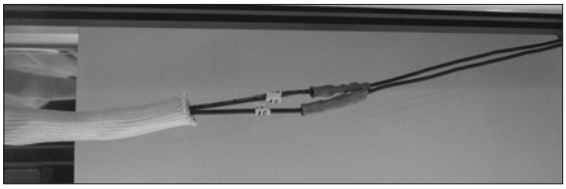
1. Remove the socket screws that secure the reflector and turn the reflector downwards.
2. Remove the wiring from the element.
3. Remove the socket screws and nuts that secure the mounting plate of the elements and lower this plate.
4. Remove the ceramic element from the plate by sliding off the clip.
5. Reverse the procedure to install.

BLOWER IN TOP

1. Remove the socket screws that secure the reflector and turn the reflector downwards.
2. Slide the gasket from the wiring and cut the wiring of the blower.
3. Remove the 4 socket screws that secure the blower and remove the blower.
4. Reverse the procedure to install.



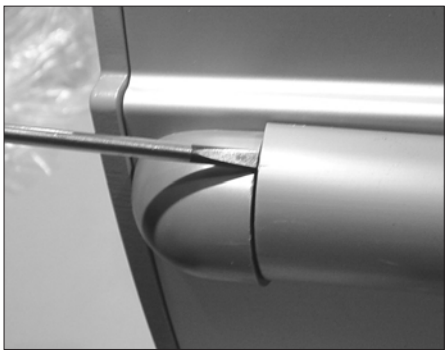
Note1: You have to tap 4x M5 thread in the new blower housing.
Note2: You have to connect the wiring again with a butt splice and pull the heat resitant sleeve over the wiring.

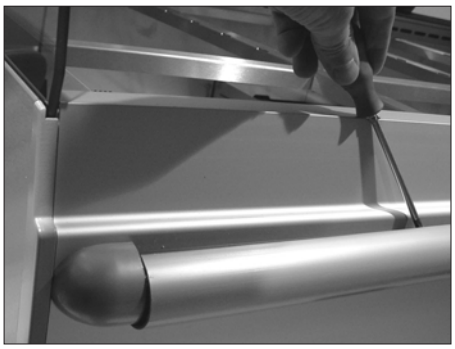


PROFILE SLIDING DOOR IN TOP

1. Remove the sliding doors.
2. Remove the socket screws that secure the clamping profile and remove this profile together with the profile of the sliding door.
3. Reverse the procedure to install.

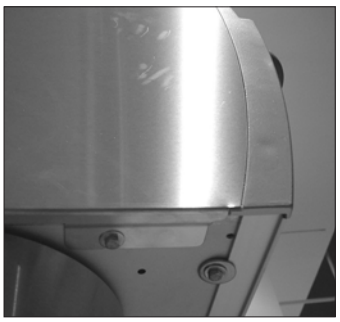
PROTECTION PROFILE IN FRONT (BUMPER)

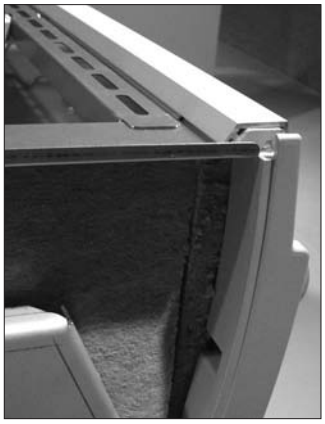




1. Remove the profile with a screw driver. Slide screw driver over the length to remove the profile.
2. Install new profile.

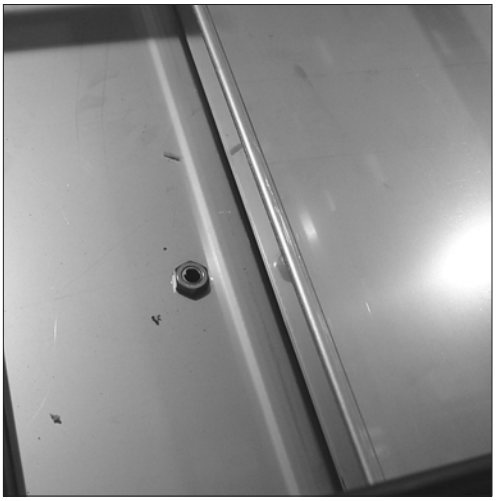
SIDE PLATE LEFT AND RIGHT, FRONT SIDE





1. Remove the side glass.
2. Loosen the bolts on the bottom side that secure the side plate and remove this plate.
3. Loosen the bolts and rivets on the front bottom side that secure the aluminium front and remove this front.
4. Remove the side plate.
5. Reverse the procedure to install.

DRAIN



1. Remove the pans and frame out of the cabinet.
2. Remove the nut inside the cabinet that secures the drain and remove the drain.
3. Reverse the procedure to install.

ELECTRICAL TESTS AND SERVICE PROCEDURES

WARNING: Disconnect the electrical power to the machine at the main circuit box. Place a tag on the circuit box indicating the circuit is being serviced.

PT 1000 SENSOR TEST (HUMIDIFIED VERSION)

1. Remove the right side panel according prior procedure.
2. Remove the wiring from the sensor.
3. Connect a temperature sensor to the probe for comparison.
4. Test the probe with an Ohmmeter.

Temperature		**Resistance Ω**
°F	**°C**	**± 5 Ohms**
60	16	1062
70	21	1082
80	27	1106
90	32	1124
100	38	1148
125	52	1202
150	65	1252
200	94	1362
250	121	1464
350	177	1674
450	233	1880

PTC 1K SENSOR TEST (FULL AND SELF SERVICE VERSION)

Temperature		Resistance
°F	°C	± 10 Ohms
60	16	930
70	21	970
80	27	1016
90	32	1056
100	38	1107
125	52	1227
150	65	1347
200	94	1636
250	121	1935

1. Remove the right side panel according prior procedure.
2. Remove the wiring from the sensor.
3. Connect a temperature sensor to the probe for comparison.
4. Test the probe with an Ohmmeter.

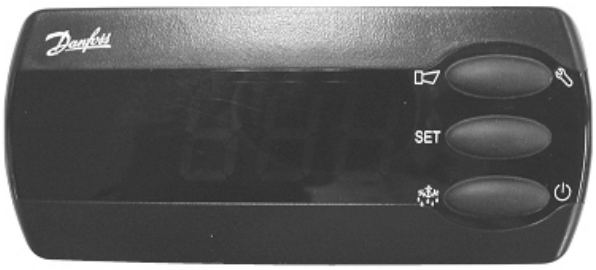
HEATING ELEMENT TEST

Note: When testing the resistance of the element remove the wiring.

Type	Wattage/Voltage	Resistance Ω -5% + 10%	Current A
HD All models	1500 / 230	35.3	6.5
	1500 / 208	28.8	7.2
HD Humidified	600 / 230	88.5	2.6
	600 / 208	71.5	2.9
	300 / 230	177.0	1.3
	300 / 208	144.5	1.4
HD All models	150 / 230	352.0	0.6

ADJUSTING DANFOSS EKC 102A THERMOSTAT

In order to adjust the thermostat, first remove the thermostat according prior procedure.



Changing set point

1. Press the middle button until the temperature value is shown.
2. Change value with upper or lower button.
3. Press the middle button to confirm.

Setting internal parameters

1. Press the upper button for 3 seconds. In display the first parameter appears (ro1).
2. Press the middle button to read out value.
3. Change value with upper or lower button.
4. Press the middle button to confirm.
5. Press the lower button for the next parameter. Follow instructions 2 to 4.

When no key is pressed after last confirmation, system goes back to normal operation mode after 20 seconds.

Replacing of thermostat

When you install a new thermostat, then always change parameter r05 first to 0 (°C) and change parameter o07 to HE. Otherwise some other parameters cannot be changed to the desired value. You can run through the parameters with the up or down keys, once you are inside the parameter settings.

Options

1. Return to factory settings. Turn the power off. Press and hold the upper and lower button and switch the power on at the same time.
2. Actual temperature of sensor 1 (Thermostat). Press up key shortly 2 times.

Error codes on display

E1: Fault in controller.

E29: Cabinet sensor broken or wiring problem sensor.

DANFOSS EKC 102A SETTINGS

	DANFOSS EKC 102A		HD 3-4-5 Self service (till May 2007)	HD 3-4-5 Self service	HD 3-4-5-7 Full Service (till Nov 2009)
	Setpoint	°C	62,5	80	80
r01	Differential	°C	1	1	1
r02	Higher setpoint limit	°C	65	90	90
r03	Lower setpoint limit	°C	60	30	30
r04	Off-set temperature indication	°C	17,5	0	0
r05	Temperature unit (°C / °F)	°C	°C	°C	°C
r09	Correction of signal from air output	°C	0	0	0
r12	Start / stop of temperature control		1	1	1
c01	Minimum “ON” time compressor	min	0	0	0
c02	Minimum “OFF” time compressor	min	0	0	0
c30	Reversed function of relay contact		OFF	OFF	OFF
d01	Defrost method (0=none)		0	0	0
d02	Defrost end temperature	°C	6	6	6
d03	Defrost interval	hour	8	8	8
d04	Maximum defrost time	min	45	45	45
d05	“ON” delay after defrost	min	0	0	0
d10	Defrost sensor (0=time, 1=air)		0	0	0
d13	Defrost at start up		no	no	no
o01	Output delay after start up	sec	0	0	0
o05	Access code all settings		0	0	0
o06	Sensor type		ptc	ptc	ptc
o07	Warm (HE) / cold (rE)		HE	HE	HE
o15	Step value display (yes = 0.5°C / no = 1°C)		no	no	no
o65	Store parameters under number		0	0	0
o66	Restore parameters as stored		0	0	0
o67	Store current parameter as factory default		OFF	OFF	OFF
u58	Status relay 1		-	-	-

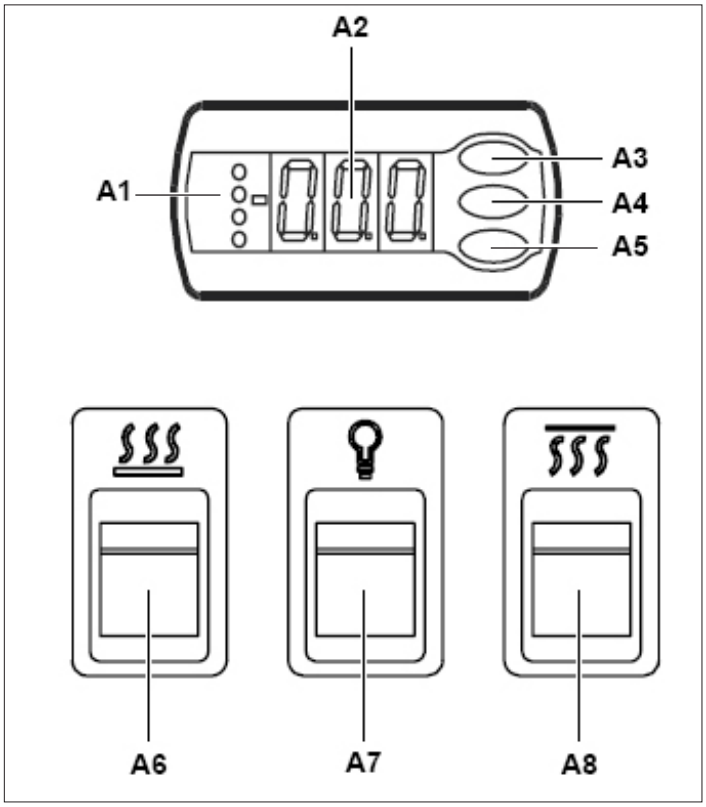
TEMPERATURE PROBE SETTINGS DANFOSS EKC 102A

	DANFOSS EKC 102A		**Temperature probe HD 3-4-5-7**
	Setpoint	°C	2
r01	Differential	°C	2
r02	Higher setpoint limit	°C	99
r03	Lower setpoint limit	°C	0
r04	Off-set temperature indication	°C	0
r05	Temperature unit (°C / °F)	°C	°C
r09	Correction of signal from air output	°C	0
r12	Start / stop of temperature control		1
c01	Minimum “ON” time compressor	min	0
c02	Minimum “OFF” time compressor	min	0
c30	Reversed function of relay contact		OFF
d01	Defrost method (0=none)		0
d02	Defrost end temperature	°C	6
d03	Defrost interval	hour	8
d04	Maximum defrost time	min	45
d05	“ON” delay after defrost	min	0
d10	Defrost sensor (0=time, 1=air)		0
d13	Defrost at start up		no
o01	Output delay after start up	sec	5
o05	Access code all settings		0
o06	Sensor type		pt
o07	Warm (HE) / cold (rE)		RE
o15	Step value display (yes = 0.5°C / no = 1°C)		no
o65	Store parameters under number		0
o66	Restore parameters as stored		0
o67	Store current parameter as factory default		OFF
u58	Status relay 1		-

CONTROL LOCATION FULL SERVE AND SELF SERVE

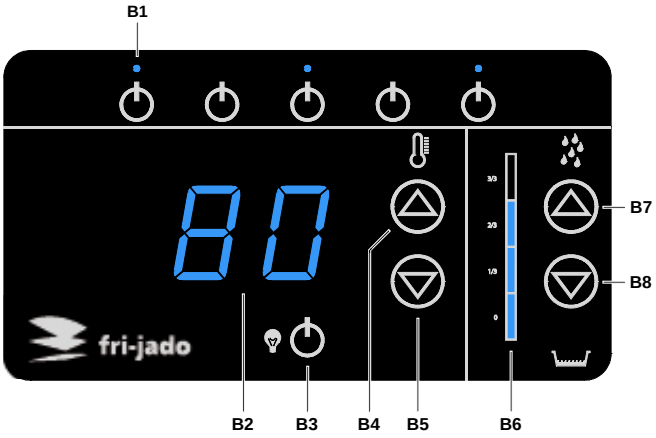
A1 Indicator ON
A2 Display temperature
A3 Up key
A4 SET key
A5 DOWN key
A6 Heating switch
A7 Lighting switch
A8 IR emitter switch

If the elements are switched on, the indicator lamp A1 will go on.



CONTROL PANEL HUMIDIFIED

B1 IR emitter keys
B2 Temperature reading
B3 Lighting key
B4 Increase temperature
B5 Reduce temperature
B6 Humidification level reading
B7 Increase humidification
B8 Reduce humidification



The B1 keys switch the IR emitters in the light cover individually. The sequence of the keys is the same as the sequence of the emitters seen from the operating side of the warmer.

Error codes on display:
E1: PT Sensor shows open connection
E2: PT Sensor short circuit.
When reporting error codes E1 and E2 the unit is switched in stand-by mode and cannot be used util the problem is resolved.

TROUBLESHOOTING

HOT DELI 3/4/5/7 FULL SERVE & SELF SERVE

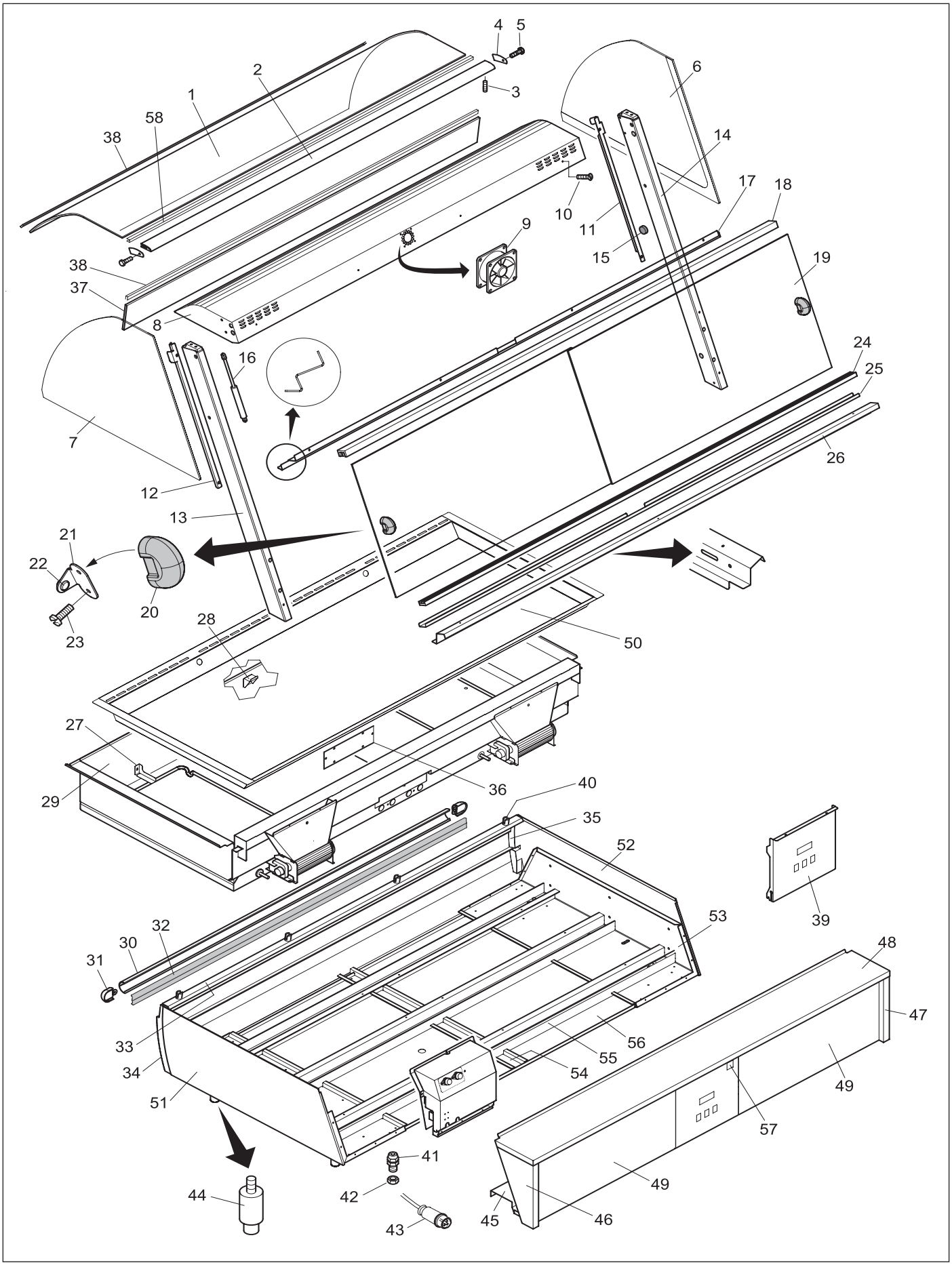
Symptom	Possible causes
No power to warmer controls.	1. Main breaker open. 2. Fuse F1 burned. 3. Tumble switch malfunction. 4. Wiring loose.
No indication on electronic thermostat.	1. Tumble switch heating malfunction. 2. Fuse F1 burned. 3. Electronic thermostat malfunction. 4. Wiring loose.
Display does not reach desired temperature.	1. Incorrect line voltage. 2. PTC-1000 sensor malfunction. 3. Heater(s) inoperative. 4. Blower motor(s) inoperative. 5. Contactor inoperative. 6. Check parameters electronic thermostat.
Display temperature gets too high.	1. PTC-1000 sensor malfunction. 2. Contactor inoperative.
Ceramic element(s) do not work.	1. Tumble switch ceramics malfunction. 2. Ceramic element(s) inoperative. 3. Wiring loose.
No lighting.	1. Incorrect line voltage. 2. Tumble switch lighting malfunction. 3. Wiring loose. 4. Bad contact on lamp holders.

HOT DELI 3/4/5/7 HUMIDIFIED/AUTOMATIC WATER FILLING

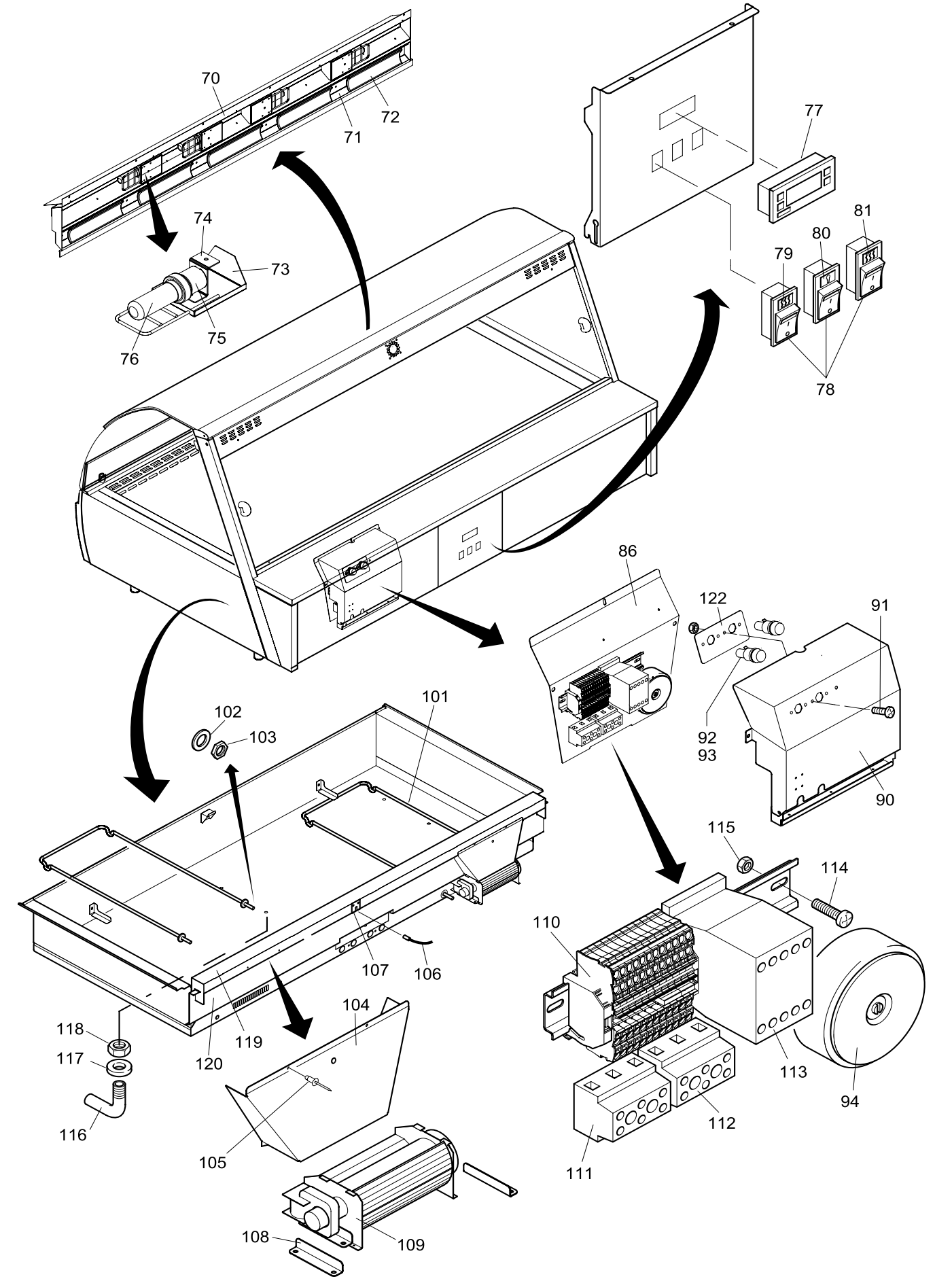
Symptom	Possible causes
No power to warmer controls.	1. Main breaker open. 2. Fuse F1 burned. 3. Wiring loose. 4. Loose flat cable display / I.O. board
Display does not reach desired temperature.	1. Incorrect line voltage. 2. PT-1000 sensor malfunction. 3. Heater(s) inoperative. 4. Contactor inoperative. 5. Power and I/O board malfunction.
Display temperature gets too high.	1. PT-1000 sensor malfunction. 2. Contactor inoperative. 3. Blower motor(s) inoperative. 4. Relay on power and I/O board malfunction (x9) 5. Power and I/O board malfunction.
Buzzer alarm sounds, but water tray is filled.	1. Scaling on water level sensor. 2. Electronic waterlevel control malfunction. 3. Wiring loose.
No heating of water tray.	1. Heater(s) inoperative. 2. Relay on power and I/O board malfunction (x11-x12) 3. Wiring loose.
Water keeps flowing.	1. Scaling on water level sensor. 2. Water level control malfunction. 3. Relay mafunction. 4. Solenoid water valve malfunction. 5. Too much pressure on water supply (valve does not close).
No water supply.	1. No pressure on water supply. 2. Water tube blocked. 3. Water level sensor malfunction. 4. Wiring loose. 5. Electronic water level control malfunction. 6. Relay mafunction. 7. Solenoid water valve malfunction.
No display and/or keypad does not function.	1. Loose flat cable display / I.O. board 2. Fuse F4 (125mA) burned 3. Fuse F1 or F2 burned. 4. Display and/or power and I/O board malfunction
No lighting.	1. Incorrect line voltage. 2. Relay on power and I/O board malfunction (x10) 3. Wiring loose. 4. Power and I/O board malfunction.
Products dry out too fast.	1. No water in watertray. 2. Temperature setting too high.

EXPLODED VIEWS & PARTLISTS

HOT DELI 3-4-5 SELF SERVICE ASSEMBLY DRAWING



HOT DELI 3-4-5 SELF SERVICE COMPONENTS DRAWING

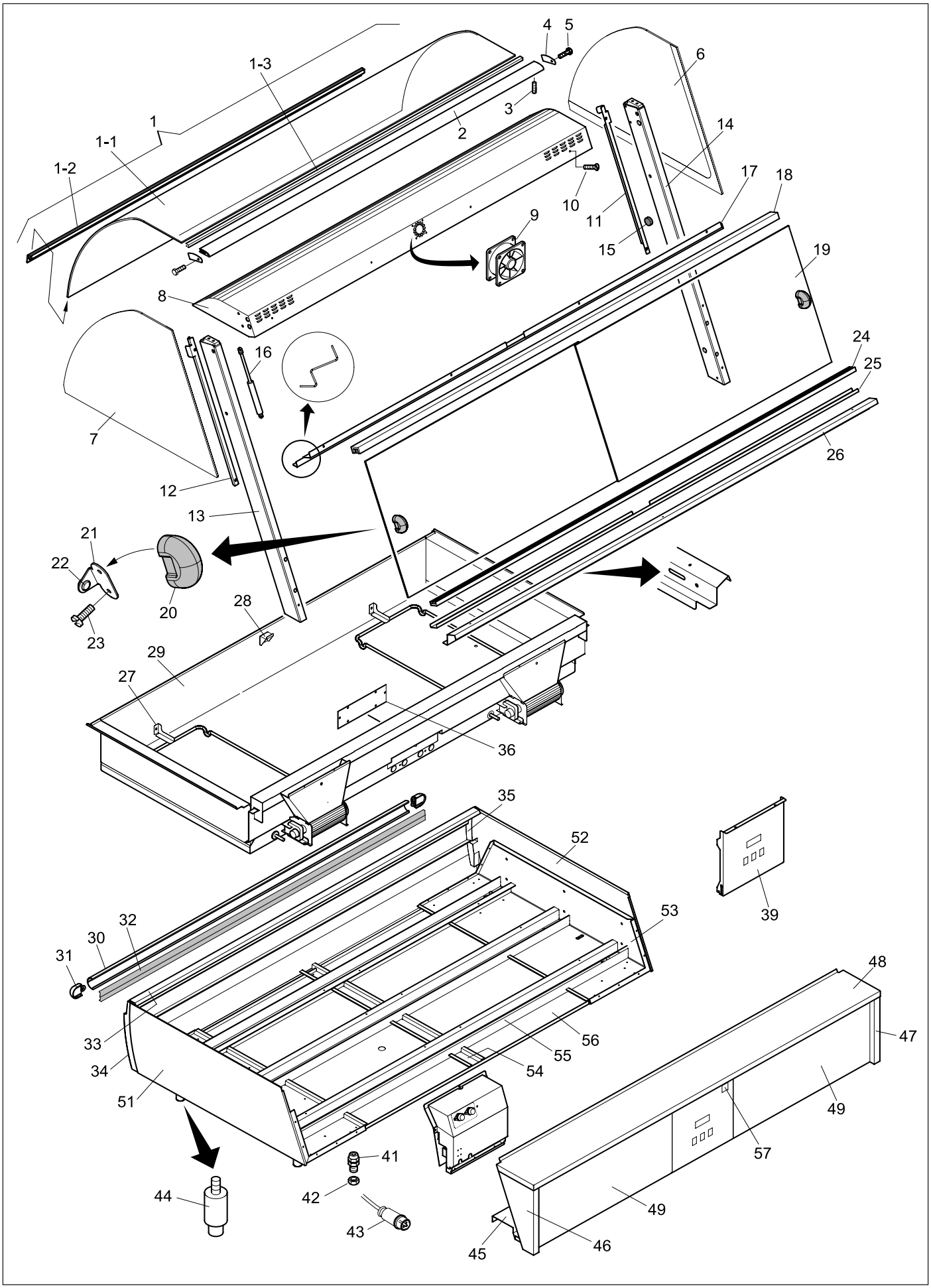


Item	Part number	Model	Qty	Description
1	9262042	HD 3	1	Glass, top
1	9262041	HD 4	1	Glass, top
1	9262040	HD 5	1	Glass, top
2	9263010	HD 3	1	Mounting profile, glass
2	9263005	HD 4	1	Mounting profile, glass
2	9263001	HD 5	1	Mounting profile, glass
3	9261027	All models		Socket set screw M6x8, Torx, stainless steel
4	9262034	All models	2	Cover plate
5	4288324	All models	2	Screw M 4x8, SS socket button head
6	9262022	All models	1	Sideglass right
7	9262023	All models	1	Sideglass left
8	9264071	HD 3	1	Light fixture
8	9264066	HD 4	1	Light fixture
8	9264057	HD 5	1	Light fixture
9	9261011	All models	1	Blower
10	4288322	All models	8	Screw M5 x 10, SS socket button head
11	9264062	All models	1	Profile, sideglass right
12	9264063	All models	1	Profile, sideglass left
13	9262005	All models	1	Console left, ass.
14	9262004	All models	1	Console right, ass.
15	9241000	All models	2	Bumper, console (20 pieces)
16	9261020	HD 3	1	Gas spring 100 N
16	9261020	HD 4	2	Gas spring 100 N
16	9261020	HD 5	2	Gas spring 100 N
17	9264073	HD 3	1	Clamping profile
17	9264068	HD 4	1	Clamping profile
17	9264059	HD 5	1	Clamping profile
18	9262032	HD 3	1	Profile, sliding door, top
18	9262030	HD 4	1	Profile, sliding door, top
18	9262028	HD 5	1	Profile, sliding door, top
19	9262026	HD 3	2	Glass, sliding door
19	9262025	HD 4	2	Glass, sliding door
19	9262024	HD 5	2	Glass, sliding door
20	8065038	All models	2	Door handle
21	9184253	All models	2	Bumper profile
22	9086207	All models	2	Bumper
23	0147674	All models	4	Screw M 4x25, SS cross recess head (philips)
24	9262033	HD 3	1	Profile, sliding door, bottom
24	9262031	HD 4	1	Profile, sliding door, bottom
24	9262029	HD 5	1	Profile, sliding door, bottom
25	9264070	HD 3	1	Holder, sliding door profile
25	9264065	HD 4	1	Holder, sliding door profile
25	9264056	HD 5	1	Holder, sliding door profile
26	9264045	HD 3	1	Airsuction profile
26	9264039	HD 4	1	Airsuction profile
26	9264022	HD 5	1	Airsuction profile
27	9264017	All models	2	Bracket, heating element
28	9264018	All models	1	Support, tray frame
29	9260420	HD 3	1	Inner housing
29	9260415	HD 4	1	Inner housing
29	9260410	HD 5	1	Inner housing
30	9263040	HD 3	1	Protection profile (plastic)
30	9263041	HD 4	1	Protection profile (plastic)
30	9263042	HD 5	1	Protection profile (plastic)
31	8071036	All models	2	Plug, end
32	9263045	HD 3	1	Mounting profile
32	9263046	HD 4	1	Mounting profile
32	9263047	HD 5	1	Mounting profile
33	9263013	HD 3	1	Front, aluminium
33	9263008	HD 4	1	Front, aluminium
33	9263004	HD 5	1	Front, aluminium
34	9264112	All models	1	Side-plate, left front
35	9264111	All models	1	Side-plate, right front
36	9264200	All models	1	Cover plate, inner housing
37	9262101	HD 3	1	Lower window
37	9262103	HD 4	1	Lower window
37	9262105	HD 5	1	Lower window
38	9263049	HD 3	2	Protection profile (plastic)
38	9263055	HD 4	2	Protection profile (plastic)
38	9263056	HD 5	2	Protection profile (plastic)
39	9264204	All models	1	Operation panel
40	9263030	HD 3	3	Glass holder
40	9263030	HD 4	4	Glass holder
40	9263030	HD 5	5	Glass holder
41	3701067	All models	1	Strain relief M32x1,5
42	3701068	All models	1	Nut, relief strain M32x1,5
43	9070028	All models	1	Connecting cable with plug
44	9181030	All models	4	Adjustable leg
45	9264090	HD 3	1	Cover profile, inner housing
45	9264085	HD 4	1	Cover profile, inner housing
45	9264075	HD 5	1	Cover profile, inner housing
46	9264084	All models	1	Side-plate, left
47	9264083	All models	1	Side-plate, right
48	9264091	HD 3	1	Panel, service side
48	9264086	HD 4	1	Panel, service side
48	9264076	HD 5	1	Panel, service side
49	9260240	HD 3	2	Back panel
49	9260242	HD 4	2	Back panel
49	9260244	HD 5	2	Back panel
50	9264223	HD 3	1	Plateau
50	9264213	HD 4	1	Plateau
50	9264205	HD 5	1	Plateau

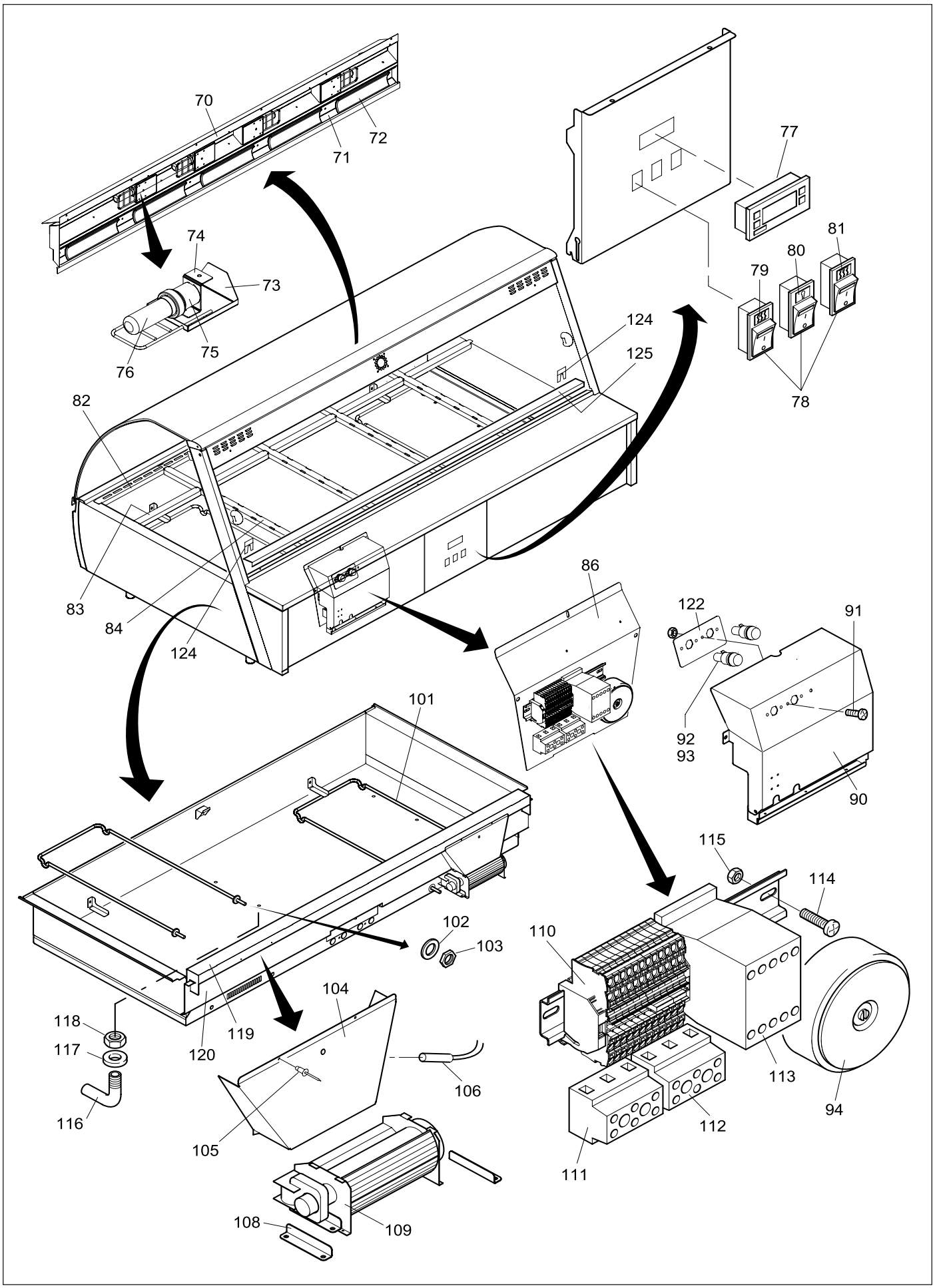
Item	Part number	Model	Qty	Description
51	9265017	All models	1	Side panel, left
52	9265018	All models	1	Side panel, right
53	9264000	All models	2	Side panel, frame
54	9264002	All models	1	Support
55	9264007	HD 3	3	Support, frame
55	9264005	HD 4	3	Support, frame
55	9264001	HD 5	3	Support, frame
56	9264008	HD 3	1	Cover plate
56	9264006	HD 4	1	Cover plate
56	9264004	HD 5	1	Cover plate
57	9110810	All models	1	Indication plate
58	9261024	HD 3	1.1 mtr	Protection profile (plastic)
58	9261024	HD 4	1.5 mtr	Protection profile (plastic)
58	9261024	HD 5	1.8 mtr	Protection profile (plastic)
70	9264072	HD 3	1	Reflector
70	9264067	HD 4	1	Reflector
70	9264058	HD 5	1	Reflector
71	9265022	HD 3	1	Mounting plate, ceramic element
71	9265021	HD 4	1	Mounting plate, ceramic element
71	9265020	HD 5	1	Mounting plate, ceramic element
72	9181065	HD 3	3	Heating element, Ceramic, 150 W
72	9181065	HD 4	4	Heating element, Ceramic, 150 W
72	9181065	HD 5	5	Heating element, Ceramic, 150 W
73	9262045	HD 3	2	Protection, lamp
73	9262045	HD 4	3	Protection, lamp
73	9262045	HD 5	4	Protection, lamp
74	9264060	HD 3	2	Bracket, lamp holder
74	9264060	HD 4	3	Bracket, lamp holder
74	9264060	HD 5	4	Bracket, lamp holder
75	9211016	HD 3	2	Lamp holder
75	9211016	HD 4	3	Lamp holder
75	9211016	HD 5	4	Lamp holder
76	9261002	HD 3	2	Lamp, Halogen 100 W
76	9261002	HD 4	3	Lamp, Halogen 100 W
76	9261002	HD 5	4	Lamp, Halogen 100 W
77	9221009	All models	1	Thermostat, Danfoss
78	9181008	All models	3	Switch, tumble
79	9181070	All models	1	Sticker, upper heating
80	9181071	All models	1	Sticker, lighting
81	9181072	All models	1	Sticker, lower heating
86	9264100	All models	1	Mounting plate, electrical components
90	9264101	All models	1	Cover plate, electric components
91	0141204	All models	2	Screw M 4x16, SS cross recess head (philips)

Item	Part number	Model	Qty	Description
92	9261019	All models	2	Fuse holder
93	9261018	All models	2	Fuse 6,3x32, ceramic T15A
94	9262080	All models	1	Ring core transformer 230-208 V
101	9182000	All models	2	Heating element, 1500 W
102	0169197	All models	4	Gasket, heating element
103	0169189	All models	4	Nut, heating element
104	9264020	All models	2	Air deflector
105	3701027	All models	6	Pop rivet 3,2 mm SS
106	9221011	All models	1	Temperature sensor
107	9224121	All models	1	Sensor holder
108	9264021	All models	4	Clamping profile
109	9053000	All models	2	Blower
110	9262070	All models	1	Terminal block with bracket
111	9044564	All models	1	Connecting block, 1,2,3
112	9044572	All models	1	Connecting block, 4,5,6
113	3500069	All models	1	Contactor
114	0141204	All models	2	Screw M 4x16, SS cross recess head (philips)
115	0142307	All models	2	Nut M 4 SS
116	9263020	All models	1	Drain pipe
117	9182065	All models	1	Seal ring
118	9008542	All models	1	Nut M 12 SS
119	9260421	HD 3	1	Air deflector
119	9260416	HD 4	1	Air deflector
119	9260411	HD 5	1	Air deflector
120	9264044	HD 3	1	Protection plate
120	9264038	HD 4	1	Protection plate
120	9264019	HD 5	1	Protection plate
122	9264099	All models	1	Fastening plate, fuse holder

HOT DELI 3-4-5 FULL SERVICE ASSEMBLY DRAWING (TILL NOV. 2009)



HOT DELI 3-4-5 FULL SERVICE COMPONENT DRAWING (TILL NOV. 2009)

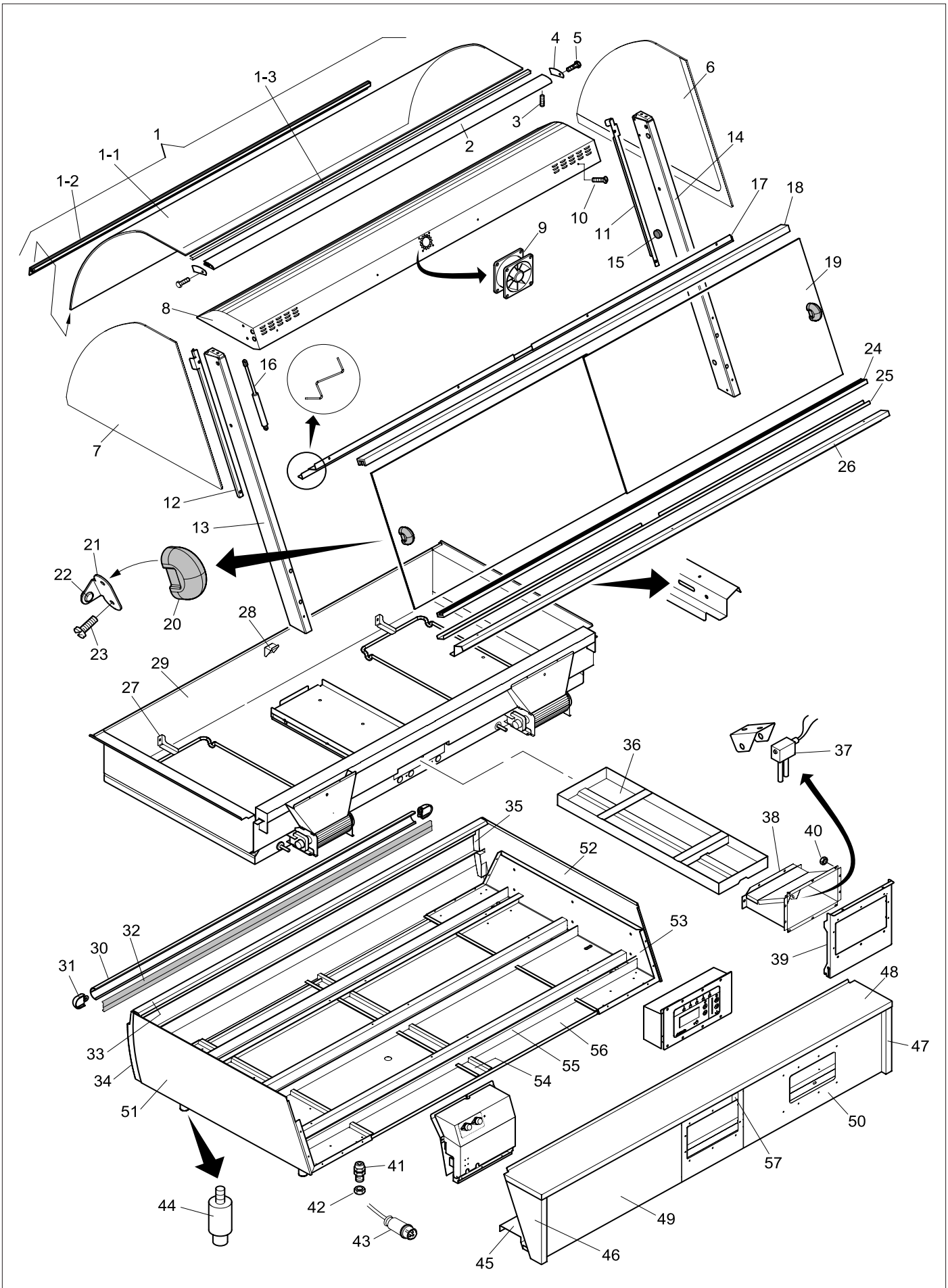


Item	Part number	Model	Qty	Descirption
1	9260230	HD 3	1	Glass, bended, complete with profiles
1	9260231	HD 4	1	Glass, bended, complete with profiles
1	9260232	HD 5	1	Glass, bended, complete with profiles
1-1	9262037	HD 3	1	Glass, bended, without profiles
1-1	9262036	HD 4	1	Glass, bended, without profiles
1-1	9262035	HD 5	1	Glass, bended, without profiles
1-2	9263011	HD 3	1	Glass handle
1-2	9263006	HD 4	1	Glass handle
1-2	9263002	HD 5	1	Glass handle
1-3	9261024	HD 3	1.1 mtr	Protection profile (plastic)
1-3	9261024	HD 4	1.5 mtr	Protection profile (plastic)
1-3	9261024	HD 5	1.8 mtr	Protection profile (plastic)
2	9263010	HD 3	1	Mounting profile, glass
2	9263005	HD 4	1	Mounting profile, glass
2	9263001	HD 5	1	Mounting profile, glass
3	9261027	All models		Socket set screw M6x8, Torx, stainless steel
4	9262034	All models	2	Cover plate
5	4288324	All models	2	Screw M 4x8, SS socket button head
6	9262022	All models	1	Sideglass right
7	9262023	All models	1	Sideglass left
8	9264071	HD 3	1	Light fixture
8	9264066	HD 4	1	Light fixture
8	9264057	HD 5	1	Light fixture
9	9261011	All models	1	Blower
10	4288322	All models	8	Screw M5 x 10, SS socket button head
11	9264062	All models	1	Profile, sideglass right
12	9264063	All models	1	Profile, sideglass left
13	9262005	All models	1	Console left, ass.
14	9262004	All models	1	Console right, ass.
15	9241000	All models	2	Bumper, console (20 pieces)
16	8031843	HD 3	2	Gas spring 500 N
16	9261021	HD 4	2	Gas spring 700 N
16	8031819	HD 5	2	Gas spring 850 N
17	9264073	HD 3	1	Clamping profile
17	9264068	HD 4	1	Clamping profile
17	9264059	HD 5	1	Clamping profile
18	9262032	HD 3	1	Profile, sliding door, top
18	9262030	HD 4	1	Profile, sliding door, top
18	9262028	HD 5	1	Profile, sliding door, top
19	9262026	HD 3	2	Glass, sliding door
19	9262025	HD 4	2	Glass, sliding door
19	9262024	HD 5	2	Glass, sliding door
20	8065038	All models	2	Door handle
21	9184253	All models	2	Bumper profile
22	9086207	All models	2	Bumper
23	0147674	All models	4	Screw M 4x25, SS cross recess head (philips)
24	9262033	HD 3	1	Profile, sliding door, bottom
24	9262031	HD 4	1	Profile, sliding door, bottom
24	9262029	HD 5	1	Profile, sliding door, bottom
25	9264070	HD 3	1	Holder, sliding door profile
25	9264065	HD 4	1	Holder, sliding door profile
25	9264056	HD 5	1	Holder, sliding door profile
26	9264045	HD 3	1	Airsuction profile
26	9264039	HD 4	1	Airsuction profile
26	9264022	HD 5	1	Airsuction profile
27	9264017	All models	2	Bracket, heating element
28	9264018	All models	1	Support, tray frame
29	9260420	HD 3	1	Inner housing
29	9260415	HD 4	1	Inner housing
29	9260410	HD 5	1	Inner housing
30	9263040	HD 3	1	Protection profile (plastic)
30	9263041	HD 4	1	Protection profile (plastic)
30	9263042	HD 5	1	Protection profile (plastic)
31	8071036	All models	2	Plug, end
32	9263045	HD 3	1	Mounting profile
32	9263046	HD 4	1	Mounting profile
32	9263047	HD 5	1	Mounting profile
33	9263012	HD 3	1	Front, aluminium
33	9263007	HD 4	1	Front, aluminium
33	9263003	HD 5	1	Front, aluminium
34	9264112	All models	1	Side-plate, left front
35	9264111	All models	1	Side-plate, right front
36	9264200	All models	1	Cover plate, inner housing
39	9264204	All models	1	Operation panel
41	3701067	All models	1	Strain relief M32x1,5
42	3701068	All models	1	Nut, relief strain M32x1,5
43	9070028	All models	1	Connecting cable with plug
44	9181030	All models	4	Adjustable leg
45	9264090	HD 3	1	Cover profile, inner housing
45	9264085	HD 4	1	Cover profile, inner housing
45	9264075	HD 5	1	Cover profile, inner housing
46	9264084	All models	1	Side-plate, left
47	9264083	All models	1	Side-plate, right

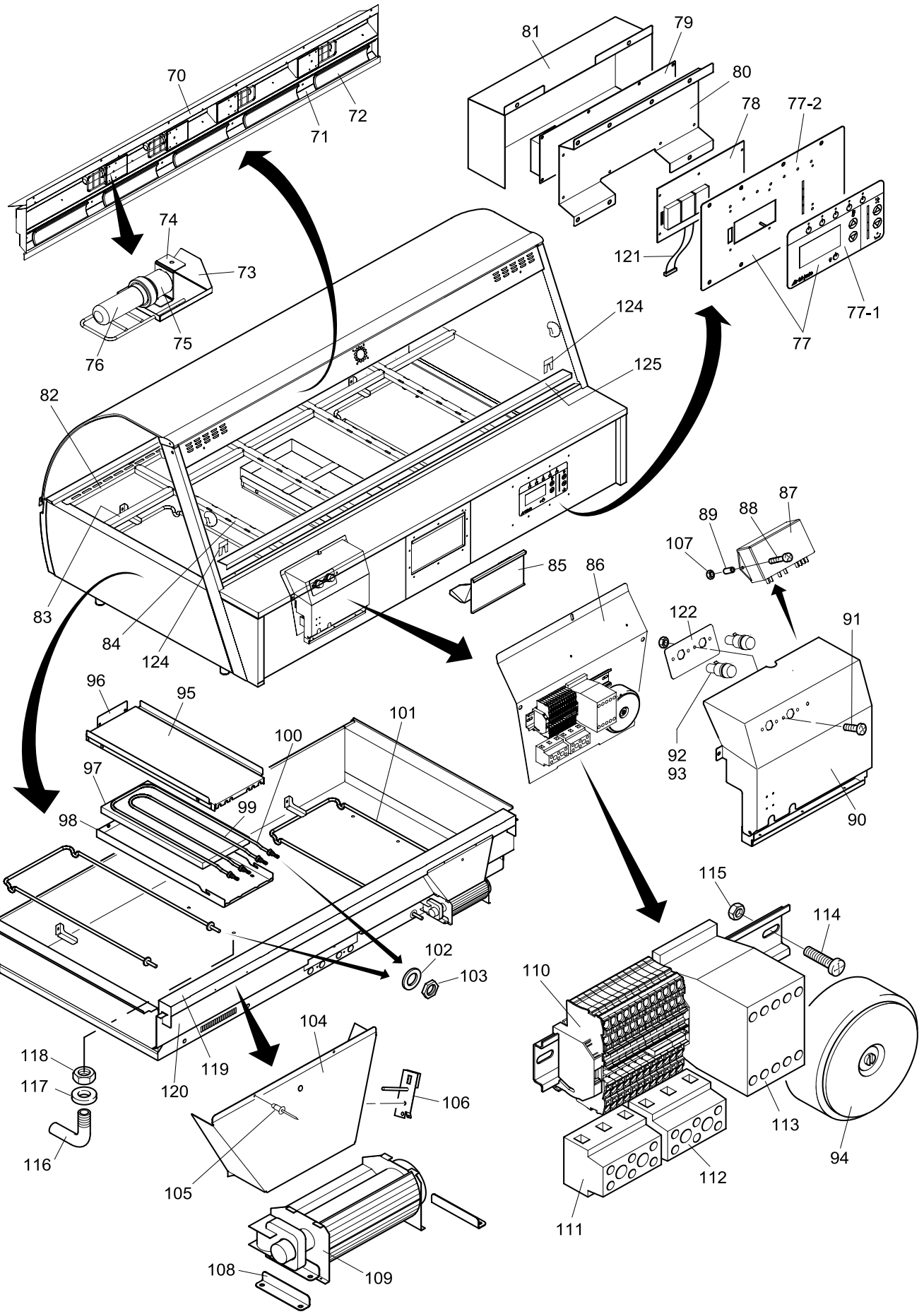
Item	Part number	Model	Qty	Descirption
48	9264091	HD 3	1	Panel, service side
48	9264086	HD 4	1	Panel, service side
48	9264076	HD 5	1	Panel, service side
49	9260240	HD 3	2	Back panel
49	9260242	HD 4	2	Back panel
49	9260244	HD 5	2	Back panel
51	9265017	All models	1	Side panel, left
52	9265018	All models	1	Side panel, right
53	9264000	All models	2	Side panel, frame
54	9264002	All models	1	Support
55	9264007	HD 3	3	Support, frame
55	9264005	HD 4	3	Support, frame
55	9264001	HD 5	3	Support, frame
56	9264008	HD 3	1	Cover plate
56	9264006	HD 4	1	Cover plate
56	9264004	HD 5	1	Cover plate
57	9110810	All models	1	Indication plate
70	9264072	HD 3	1	Reflector
70	9264067	HD 4	1	Reflector
70	9264058	HD 5	1	Reflector
71	9265022	HD 3	1	Mounting plate, ceramic element
71	9265021	HD 4	1	Mounting plate, ceramic element
71	9265020	HD 5	1	Mounting plate, ceramic element
72	9181065	HD 3	3	Heating element, Ceramic, 150 W
72	9181065	HD 4	4	Heating element, Ceramic, 150 W
72	9181065	HD 5	5	Heating element, Ceramic, 150 W
73	9262045	HD 3	2	Protection, lamp
73	9262045	HD 4	3	Protection, lamp
73	9262045	HD 5	4	Protection, lamp
74	9264060	HD 3	2	Bracket, lamp holder
74	9264060	HD 4	3	Bracket, lamp holder
74	9264060	HD 5	4	Bracket, lamp holder
75	9211016	HD 3	2	Lamp holder
75	9211016	HD 4	3	Lamp holder
75	9211016	HD 5	4	Lamp holder
76	9261002	HD 3	2	Lamp, Halogen 100 W
76	9261002	HD 4	3	Lamp, Halogen 100 W
76	9261002	HD 5	4	Lamp, Halogen 100 W
77	9221009	All models	1	Thermostat, Danfoss
78	9181008	All models	3	Switch, tumble
79	9181070	All models	1	Sticker, upper heating
80	9181071	All models	1	Sticker, lighting
81	9181072	All models	1	Sticker, lower heating
82	9264046	HD 3	1	Exhaust profil
82	9264040	HD 4	1	Exhaust profil
82	9264023	HD 5	1	Exhaust profil

Item	Part number	Model	Qty	Descirption
83	9264025	HD 3	3	Profile, tray frame, small
83	9264025	HD 4	4	Profile, tray frame, small
83	9264025	HD 5	5	Profile, tray frame, small
84	9264024	HD 3	2	Profile, tray frame, long
84	9264024	HD 4	3	Profile, tray frame, long
84	9264024	HD 5	4	Profile, tray frame, long
86	9264100	All models	1	Mounting plate, electrical components
90	9264101	All models	1	Cover plate, electric components
91	0141204	All models	2	Screw M 4x16, SS cross recess head (philips)
92	9261019	All models	2	Fuse holder
93	9261018	All models	2	Fuse 6,3x32, ceramic T15A
94	9262080	All models	1	Ring core transformer 230-208 V
101	9182000	All models	2	Heating element, 1500 W
102	0169197	All models	4	Gasket, heating element
103	0169189	All models	4	Nut, heating element
104	9264020	All models	2	Air deflector
105	3701027	All models	6	Pop rivet 3,2 mm SS
106	9221011	All models	1	Temperature sensor
108	9264021	All models	4	Clamping profile
109	9053000	All models	2	Blower
110	9262070	All models	1	Terminal block with bracket
111	9044564	All models	1	Connecting block, 1,2,3
112	9044572	All models	1	Connecting block, 4,5,6
113	3500069	All models	1	Contactor
114	0141204	All models	2	Screw M 4x16, SS cross recess head (philips)
115	0142307	All models	2	Nut M 4 SS
116	9263020	All models	1	Drain pipe
117	9182065	All models	1	Seal ring
118	9008542	All models	1	Nut M 12 SS
119	9260421	HD 3	1	Air deflector
119	9260416	HD 4	1	Air deflector
119	9260411	HD 5	1	Air deflector
120	9264044	HD 3	1	Protection plate
120	9264038	HD 4	1	Protection plate
120	9264019	HD 5	1	Protection plate
122	9264099	All models	1	Fastening plate, fuse holder
124	9264493	All models	4	Bracket
125	9264494	HD 3	1	Cover profile
125	9264497	HD 4	1	Cover profile
125	9264498	HD 5	1	Cover profile

HOT DELI 3-4-5 HUMIDIFIED ASSEMBLY DRAWING



HOT DELI 3-4-5 HUMIDIFIED COMPONENTS DRAWING



Item	Part number	Model	Qty	Descirption
1	9260230	HD 3	1	Glass, bended, complete with profiles
1	9260231	HD 4	1	Glass, bended, complete with profiles
1	9260232	HD 5	1	Glass, bended, complete with profiles
1-1	9262037	HD 3	1	Glass, bended, without profiles
1-1	9262036	HD 4	1	Glass, bended, without profiles
1-1	9262035	HD 5	1	Glass, bended, without profiles
1-2	9263011	HD 3	1	Glass handle
1-2	9263006	HD 4	1	Glass handle
1-2	9263002	HD 5	1	Glass handle
1-3	9261024	HD 3	1.1 mtr	Protection profile (plastic)
1-3	9261024	HD 4	1.5 mtr	Protection profile (plastic)
1-3	9261024	HD 5	1.8 mtr	Protection profile (plastic)
2	9263010	HD 3	1	Mounting profile, glass
2	9263005	HD 4	1	Mounting profile, glass
2	9263001	HD 5	1	Mounting profile, glass
3	9261027	All models		Socket set screw M6x8, Torx, stainless steel
4	9262034	All models	2	Cover plate
5	4288324	All models	2	Screw M 4x8, SS socket button head
6	9262022	All models	1	Sideglass right
7	9262023	All models	1	Sideglass left
8	9264071	HD 3	1	Light fixture
8	9264066	HD 4	1	Light fixture
8	9264057	HD 5	1	Light fixture
9	9261011	All models	1	Blower
10	4288322	All models	8	Screw M5 x 10, SS socket button head
11	9264062	All models	1	Profile, sideglass right
12	9264063	All models	1	Profile, sideglass left
13	9262005	All models	1	Console left, ass.
14	9262004	All models	1	Console right, ass.
15	9241000	All models	2	Bumper, console (20 pieces)
16	8031843	HD 3	2	Gas spring 500 N
16	9261021	HD 4	2	Gas spring 700 N
16	8031819	HD 5	2	Gas spring 850 N
17	9264073	HD 3	1	Clamping profile
17	9264068	HD 4	1	Clamping profile
17	9264059	HD 5	1	Clamping profile
18	9262032	HD 3	1	Profile, sliding door, top
18	9262030	HD 4	1	Profile, sliding door, top
18	9262028	HD 5	1	Profile, sliding door, top
19	9262026	HD 3	2	Glass, sliding door
19	9262025	HD 4	2	Glass, sliding door
19	9262024	HD 5	2	Glass, sliding door
20	8065038	All models	2	Door handle
21	9184253	All models	2	Bumper profile
22	9086207	All models	2	Bumper
23	0147674	All models	4	Screw M 4x25, SS cross recess head (philips)
24	9262033	HD 3	1	Profile, sliding door, bottom
24	9262031	HD 4	1	Profile, sliding door, bottom
24	9262029	HD 5	1	Profile, sliding door, bottom
25	9264070	HD 3	1	Holder, sliding door profile
25	9264065	HD 4	1	Holder, sliding door profile
25	9264056	HD 5	1	Holder, sliding door profile
26	9264045	HD 3	1	Airsuction profile
26	9264039	HD 4	1	Airsuction profile
26	9264022	HD 5	1	Airsuction profile
27	9264017	All models	2	Bracket, heating element
28	9264018	All models	1	Support, tray frame
29	9260420	HD 3	1	Inner housing
29	9260415	HD 4	1	Inner housing
29	9260410	HD 5	1	Inner housing
30	9263040	HD 3	1	Protection profile (plastic)
30	9263041	HD 4	1	Protection profile (plastic)
30	9263042	HD 5	1	Protection profile (plastic)
31	8071036	All models	2	Plug, end
32	9263045	HD 3	1	Mounting profile
32	9263046	HD 4	1	Mounting profile
32	9263047	HD 5	1	Mounting profile
33	9263012	HD 3	1	Front, aluminium
33	9263007	HD 4	1	Front, aluminium
33	9263003	HD 5	1	Front, aluminium
34	9264112	All models	1	Side-plate, left front
35	9264111	All models	1	Side-plate, right front
36	9260401	All models	1	Water drawer
37	9262048	All models	1	Water level sensor, ass.
38	9260403	All models	1	Middle section
39	9264078	All models	1	Back panel, middle
40	9087570	All models	10	Nut M 5, serrated
41	3701067	All models	1	Strain relief M32x1,5
42	3701068	All models	1	Nut, relief strain M32x1,5
43	9070028	All models	1	Connecting cable with plug
44	9181030	All models	4	Adjustable leg
45	9264090	HD 3	1	Cover profile, inner housing
45	9264085	HD 4	1	Cover profile, inner housing
45	9264075	HD 5	1	Cover profile, inner housing
46	9264084	All models	1	Side-plate, left
47	9264083	All models	1	Side-plate, right

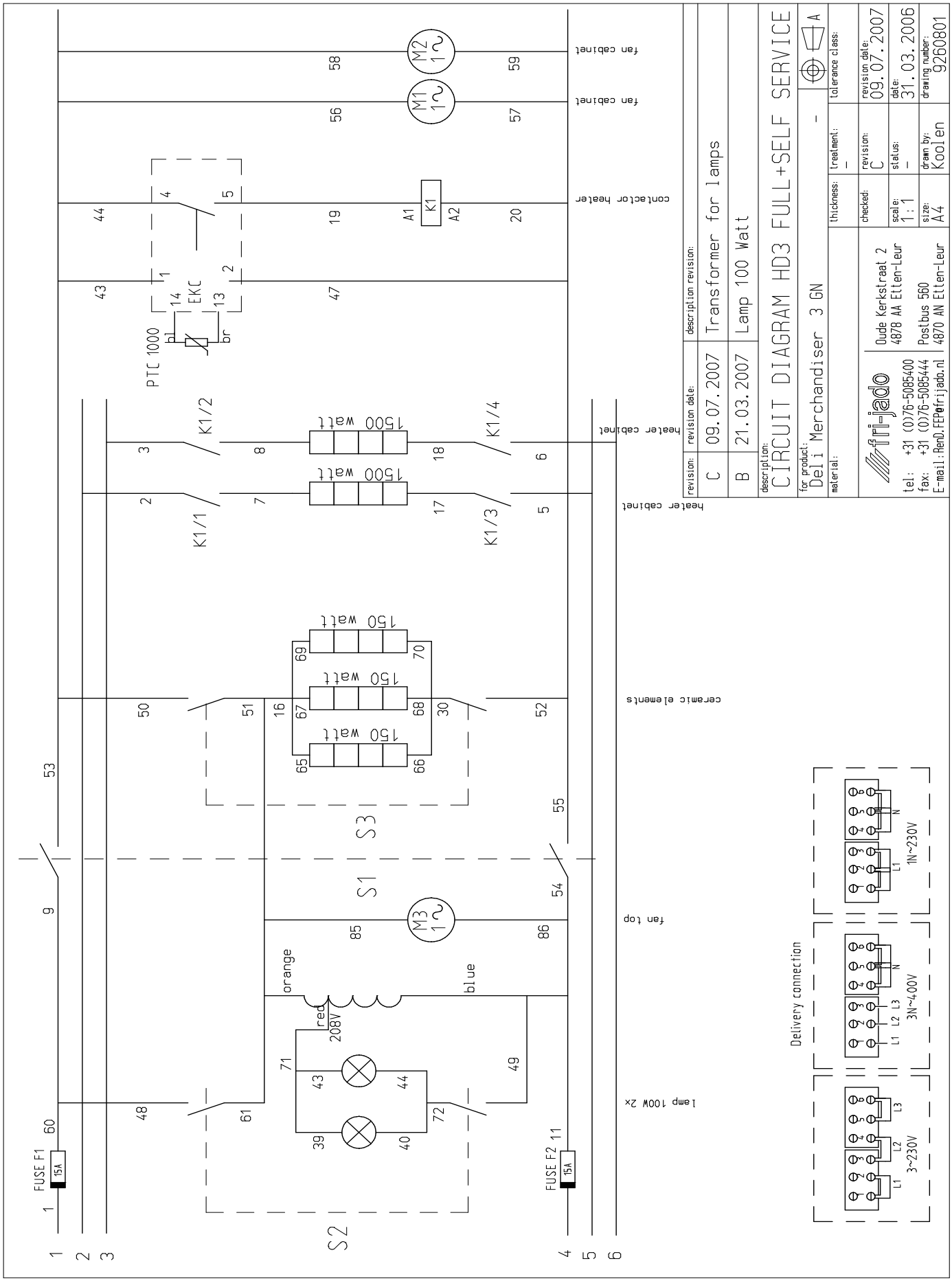
Item	Part number	Model	Qty	Descirption
48	9264091	HD 3	1	Panel, service side
48	9264086	HD 4	1	Panel, service side
48	9264076	HD 5	1	Panel, service side
49	9260240	HD 3	1	Back panel
49	9260242	HD 4	1	Back panel
49	9260244	HD 5	1	Back panel
50	9260241	HD 3	1	Back panel, right
50	9260243	HD 4	1	Back panel, right
50	9260245	HD 5	1	Back panel, right
51	9265017	All models	1	Side panel, left
52	9265018	All models	1	Side panel, right
53	9264000	All models	2	Side panel, frame
54	9264002	All models	1	Support
55	9264007	HD 3	3	Support, frame
55	9264005	HD 4	3	Support, frame
55	9264001	HD 5	3	Support, frame
56	9264008	HD 3	1	Cover plate
56	9264006	HD 4	1	Cover plate
56	9264004	HD 5	1	Cover plate
57	9110810	All models	1	Indication plate
70	9264072	HD 3	1	Reflector
70	9264067	HD 4	1	Reflector
70	9264058	HD 5	1	Reflector
71	9265022	HD 3	1	Mounting plate, ceramic element
71	9265021	HD 4	1	Mounting plate, ceramic element
71	9265020	HD 5	1	Mounting plate, ceramic element
72	9181065	HD 3	3	Heating element, Ceramic, 150 W
72	9181065	HD 4	4	Heating element, Ceramic, 150 W
72	9181065	HD 5	5	Heating element, Ceramic, 150 W
73	9262045	HD 3	2	Protection, lamp
73	9262045	HD 4	3	Protection, lamp
73	9262045	HD 5	4	Protection, lamp
74	9264060	HD 3	2	Bracket, lamp holder
74	9264060	HD 4	3	Bracket, lamp holder
74	9264060	HD 5	4	Bracket, lamp holder
75	9211016	HD 3	2	Lamp holder
75	9211016	HD 4	3	Lamp holder
75	9211016	HD 5	4	Lamp holder
76	9261002	HD 3	2	Lamp, Halogen 100 W
76	9261002	HD 4	3	Lamp, Halogen 100 W
76	9261002	HD 5	4	Lamp, Halogen 100 W
77	9260233	HD 3	1	Keypad + backplate
77	9260234	HD 4	1	Keypad + backplate
77	9260235	HD 5	1	Keypad + backplate
77-1	9262010	HD 3	1	Keypad
77-1	9262011	HD 4	1	Keypad
77-1	9262012	HD 5	1	Keypad
77-2	9264095	All models	1	Backplate

Item	Part number	Model	Qty	Descirption
78	9262057	All models	1	CPU/display board
79	9262067	All models	1	Power & I/O board
80	9264081	All models	1	Mounting plate
81	9264082	All models	1	Cover
82	9264046	HD 3	1	Exhaust profil
82	9264040	HD 4	1	Exhaust profil
82	9264023	HD 5	1	Exhaust profil
83	9264025	HD 3	3	Profile, tray frame, small
83	9264025	HD 4	4	Profile, tray frame, small
83	9264025	HD 5	5	Profile, tray frame, small
84	9264024	HD 3	2	Profile, tray frame, long
84	9264024	HD 4	3	Profile, tray frame, long
84	9264024	HD 5	4	Profile, tray frame, long
85	9260404	All models	1	Door, water drawer
86	9264100	All models	1	Mounting plate, electrical components
87	9262072	All models	1	Water level control, electronic
88	0141204	All models	2	Screw M 4x16, SS cross recess head (philips)
89	9040659	All models	2	Spacing pin, nylon
90	9264101	All models	1	Cover plate, electric components
91	0141204	All models	2	Screw M 4x16, SS cross recess head (philips)
92	9261019	All models	2	Fuse holder
93	9261018	All models	2	Fuse 6,3x32, ceramic T15A
94	9262080	All models	1	Ring core transformer 230-208 V
95	9260402	All models	1	Cover, housing heating elements
96	9264030	All models	1	End plate, water drawer
97	9264029	All models	1	Cover plate
98	9264026	All models	1	Housing, heating elements
99	9182083	All models	1	Heating element, 300 W
100	9182082	All models	1	Heating element, 600 W
101	9182000	All models	2	Heating element, 1500 W
102	0169197	All models	8	Gasket, heating element
103	0169189	All models	8	Nut, heating element
104	9264020	All models	2	Air deflector
105	3701027	All models	6	Pop rivet 3,2 mm SS
106	9172310	All models	1	Temperature sensor PT 1000
107	0142307	All models	2	Nut M 4 SS
108	9264021	All models	4	Clamping profile
109	9053000	All models	2	Blower
110	9262070	All models	1	Terminal block with bracket
111	9044564	All models	1	Connecting block, 1,2,3
112	9044572	All models	1	Connecting block, 4,5,6
113	3500069	All models	1	Contactor
114	0141204	All models	2	Screw M 4x16, SS cross recess head (philips)
115	0142307	All models	2	Nut M 4 SS
116	9263020	All models	1	Drain pipe

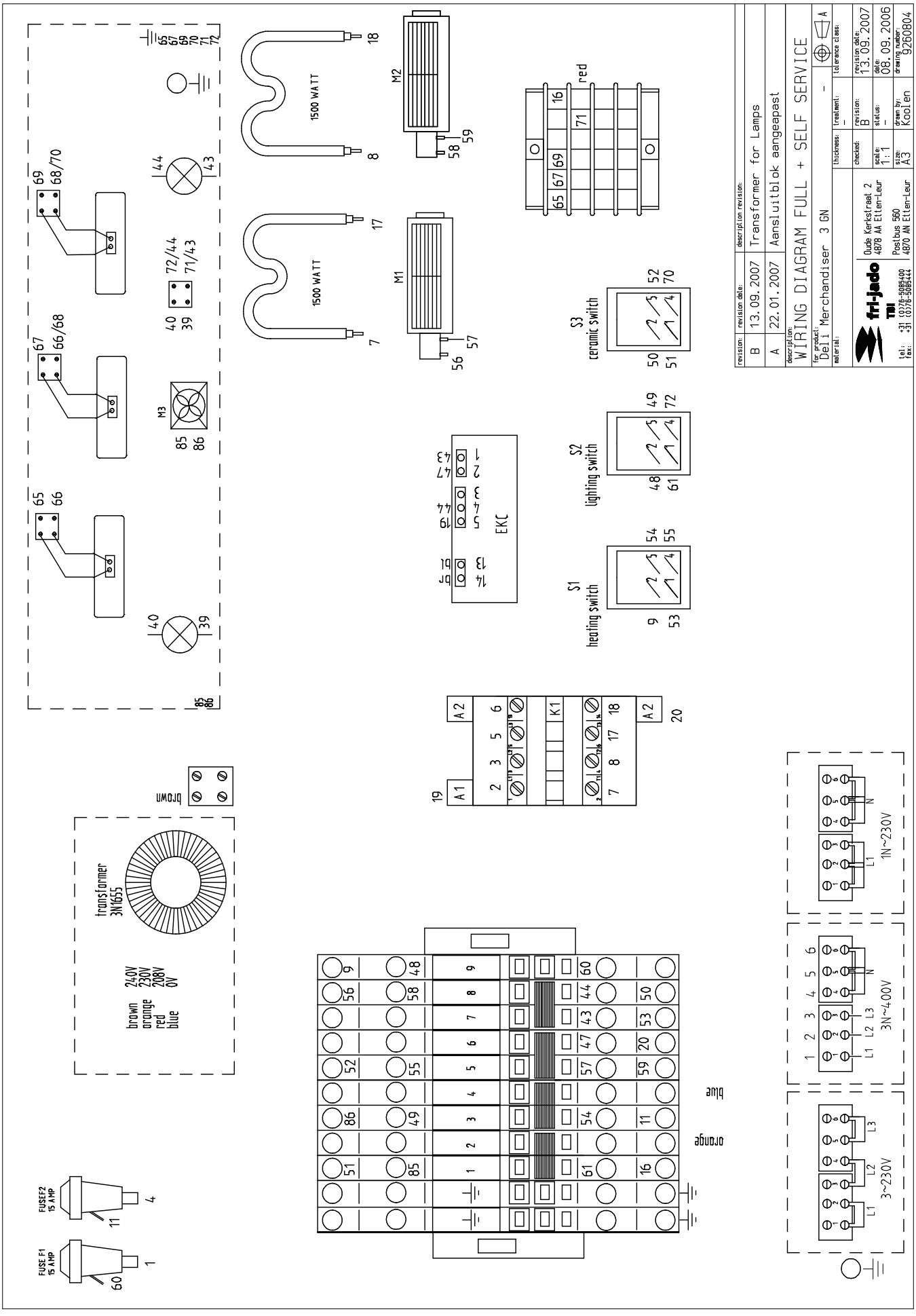
Item	Part number	Model	Qty	Descirption
117	9182065	All models	1	Seal ring
118	9008542	All models	1	Nut M 12 SS
119	9260421	HD 3	1	Air deflector
119	9260416	HD 4	1	Air deflector
119	9260411	HD 5	1	Air deflector
120	9264044	HD 3	1	Protection plate
120	9264038	HD 4	1	Protection plate
120	9264019	HD 5	1	Protection plate
121	9262027	All models	1	Flatcable
122	9264099	All models	1	Fastening plate, fuse holder
124	9264493	All models	4	Bracket
125	9264494	HD 3	1	Cover profile
125	9264497	HD 4	1	Cover profile
125	9264498	HD 5	1	Cover profile

ELECTRICAL DIAGRAMS

CIRCUIT DIAGRAM HD 3 FULL & SELF SERVICE



WIRING DIAGRAM HD 3 FULL & SELF SERVICE



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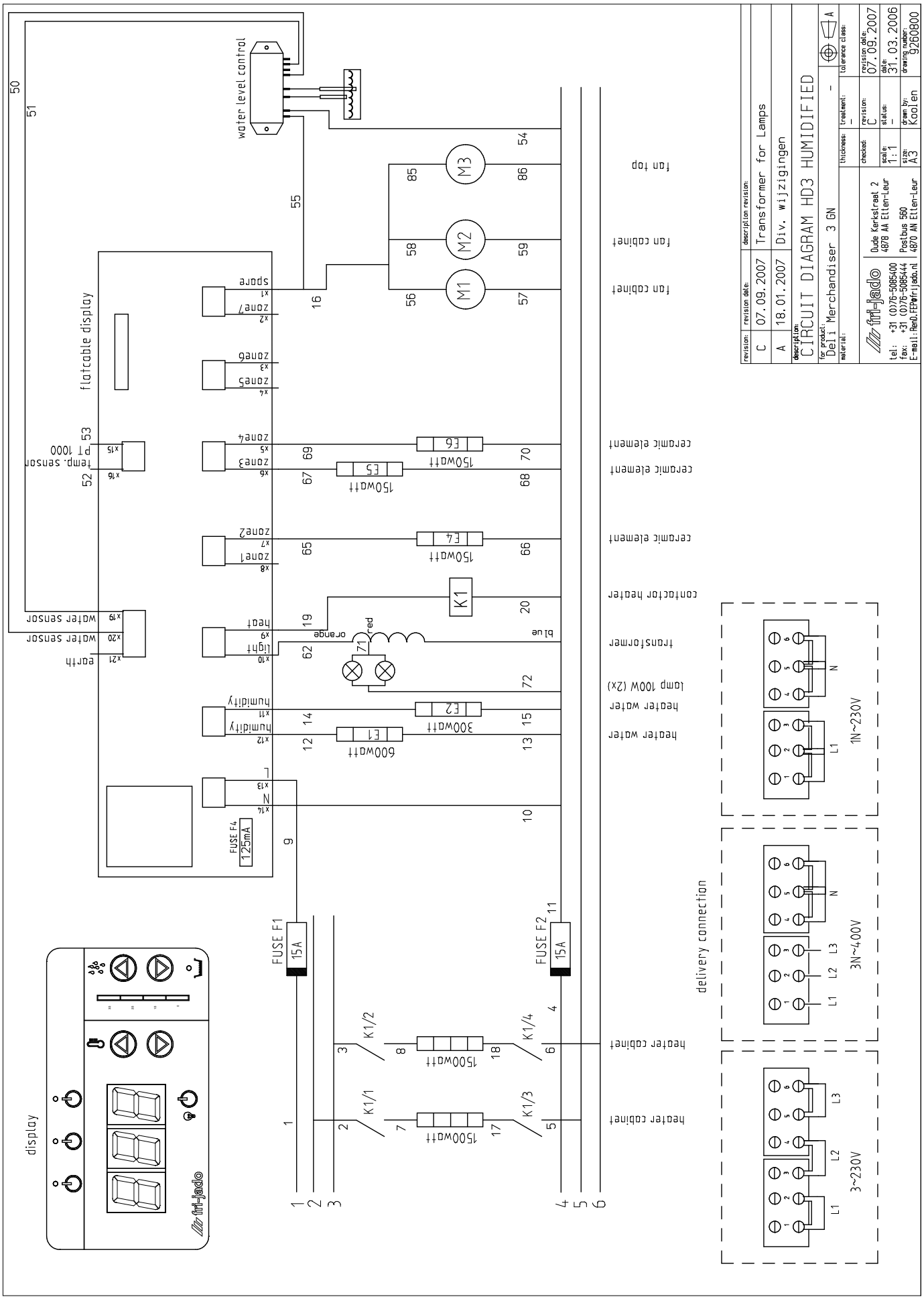

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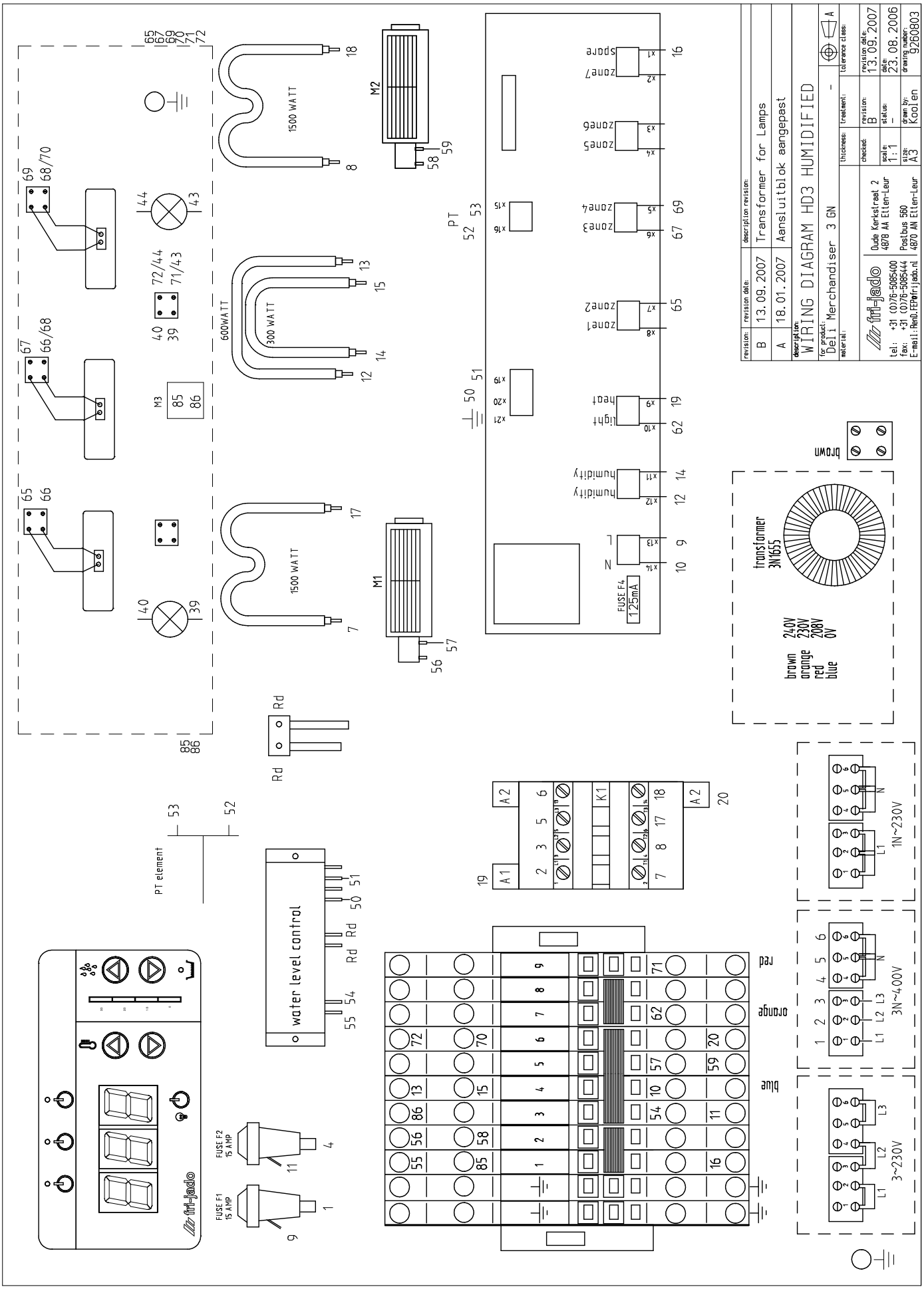
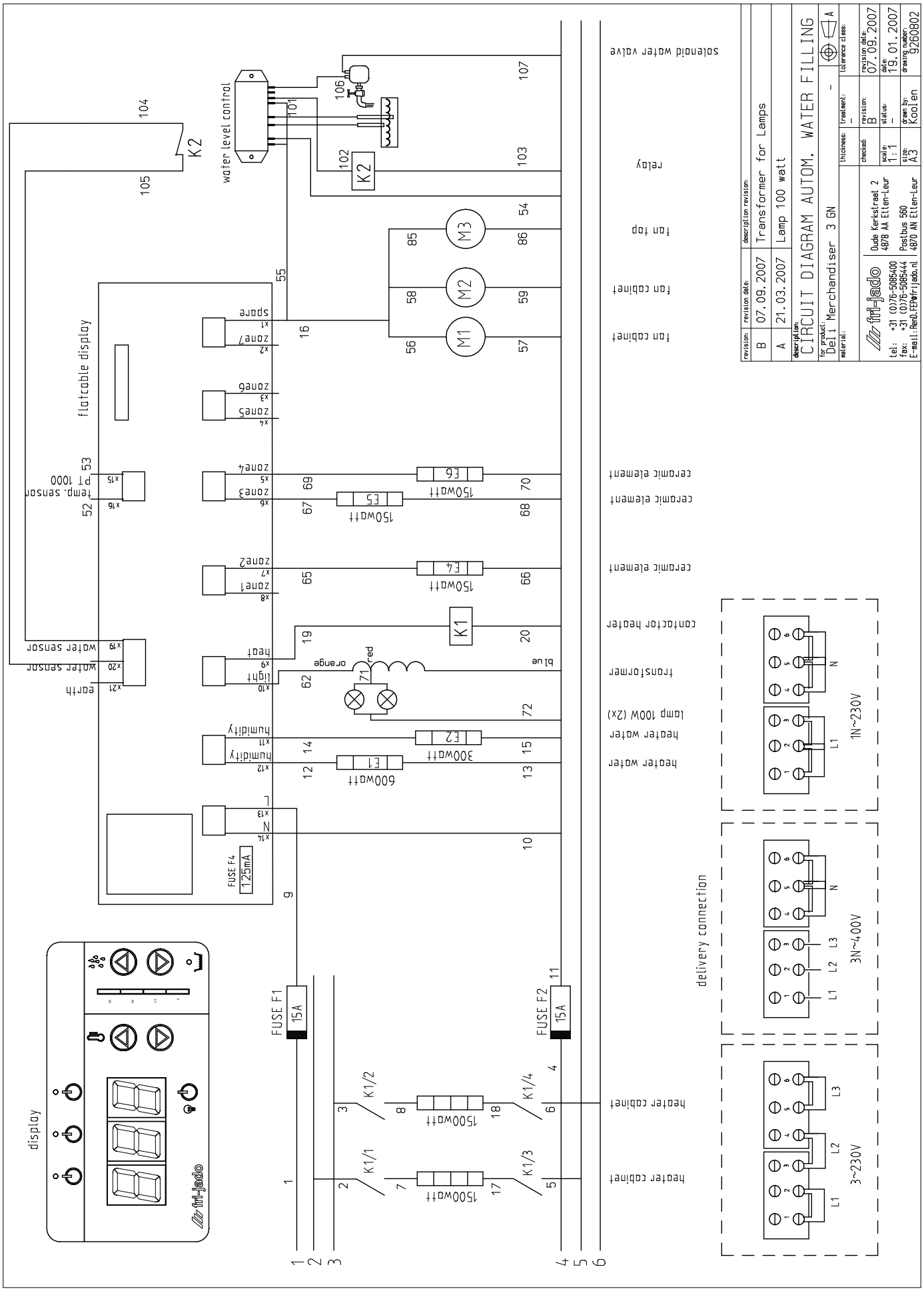


CIRCUIT DIAGRAM HD 3 HUMIDIFIED, AUTOMATIC WATER FILLING



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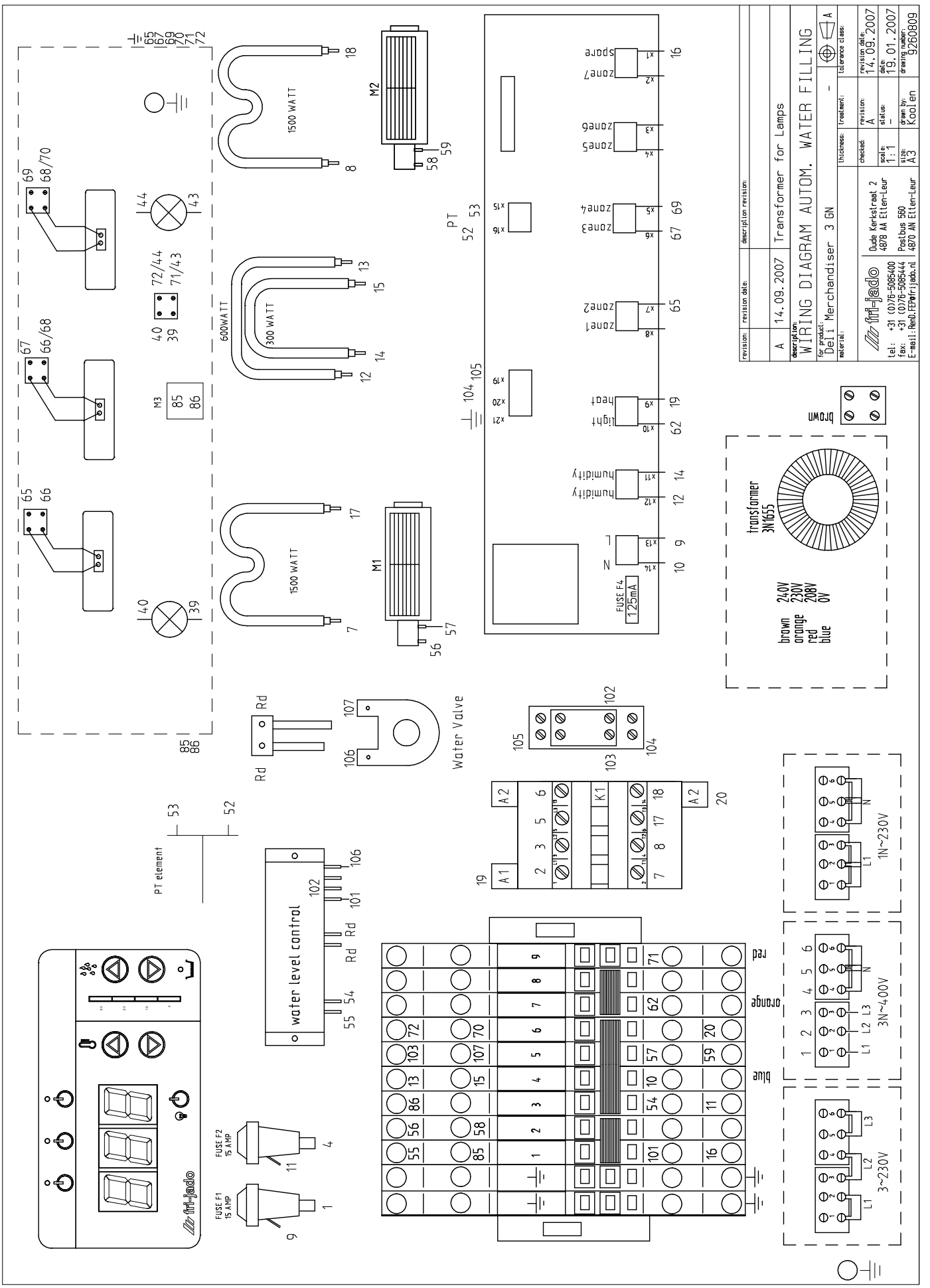

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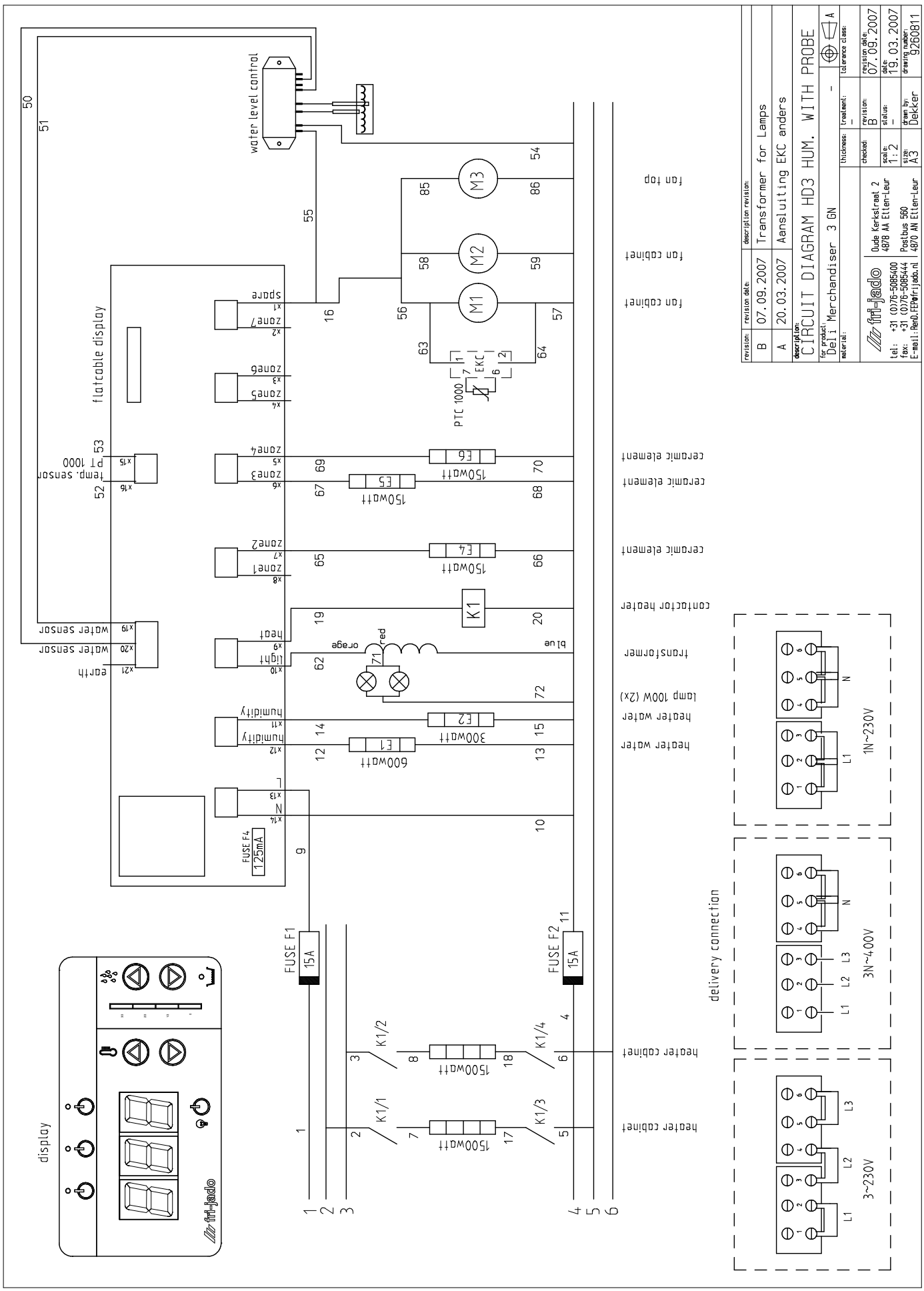

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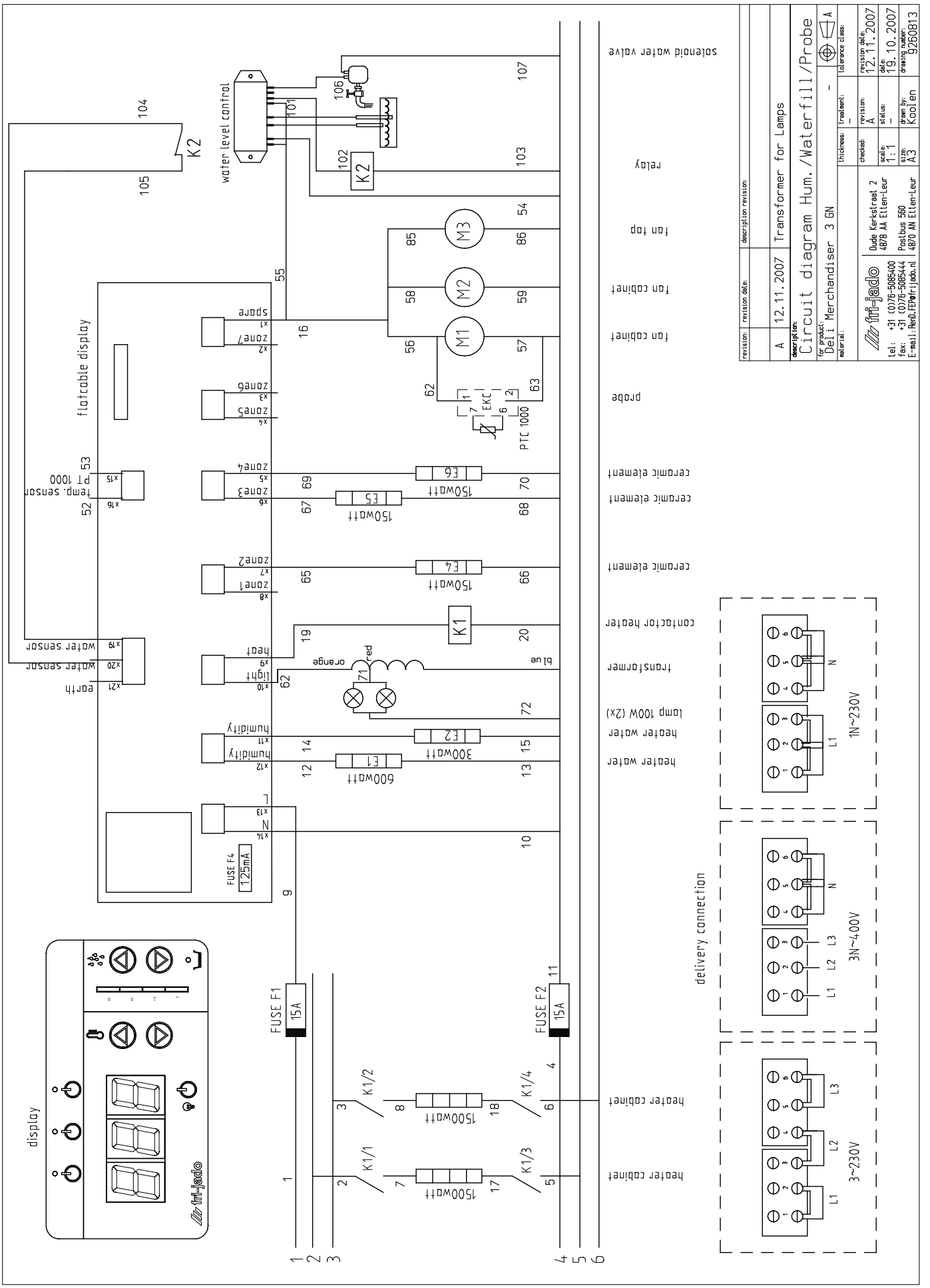
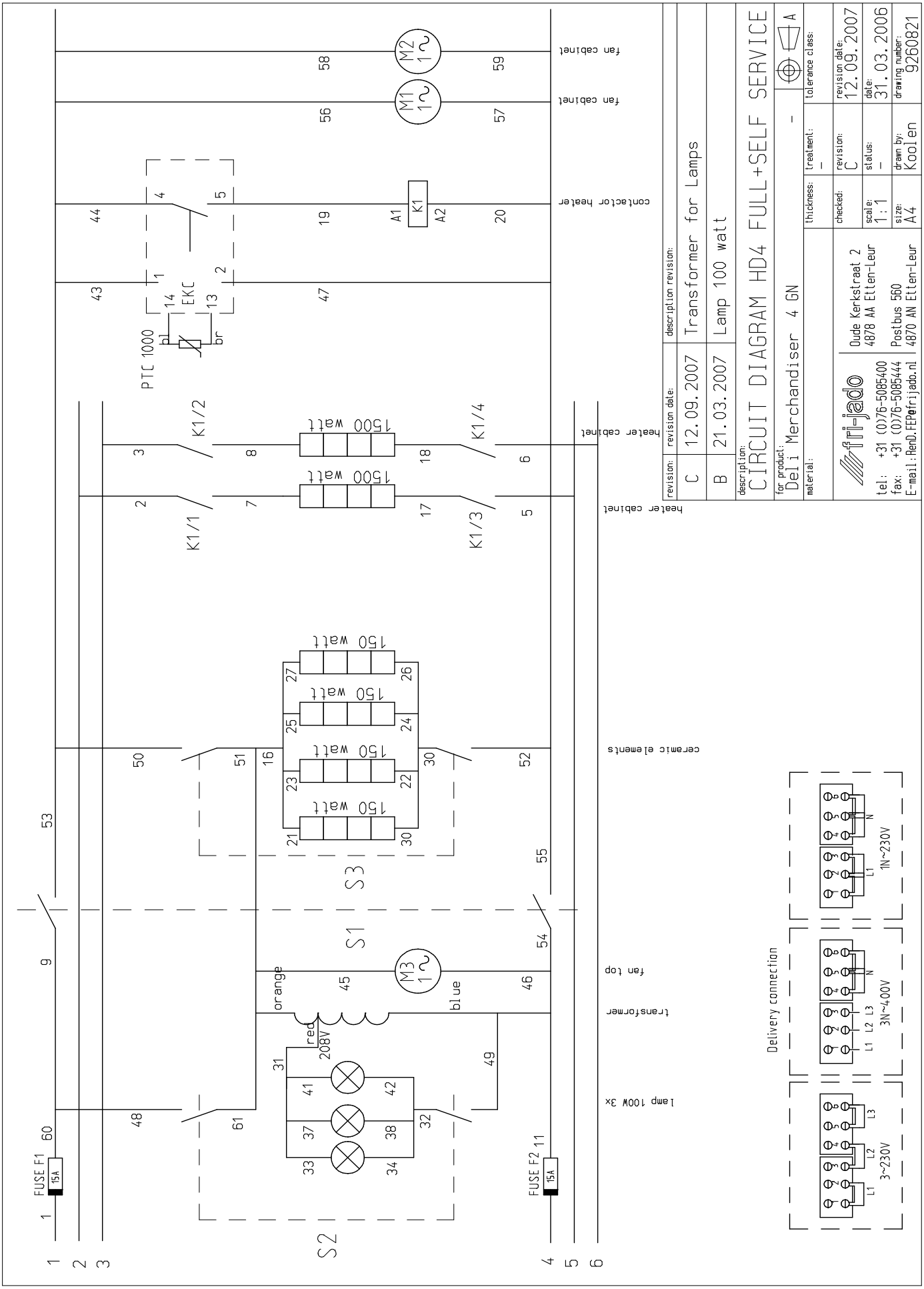
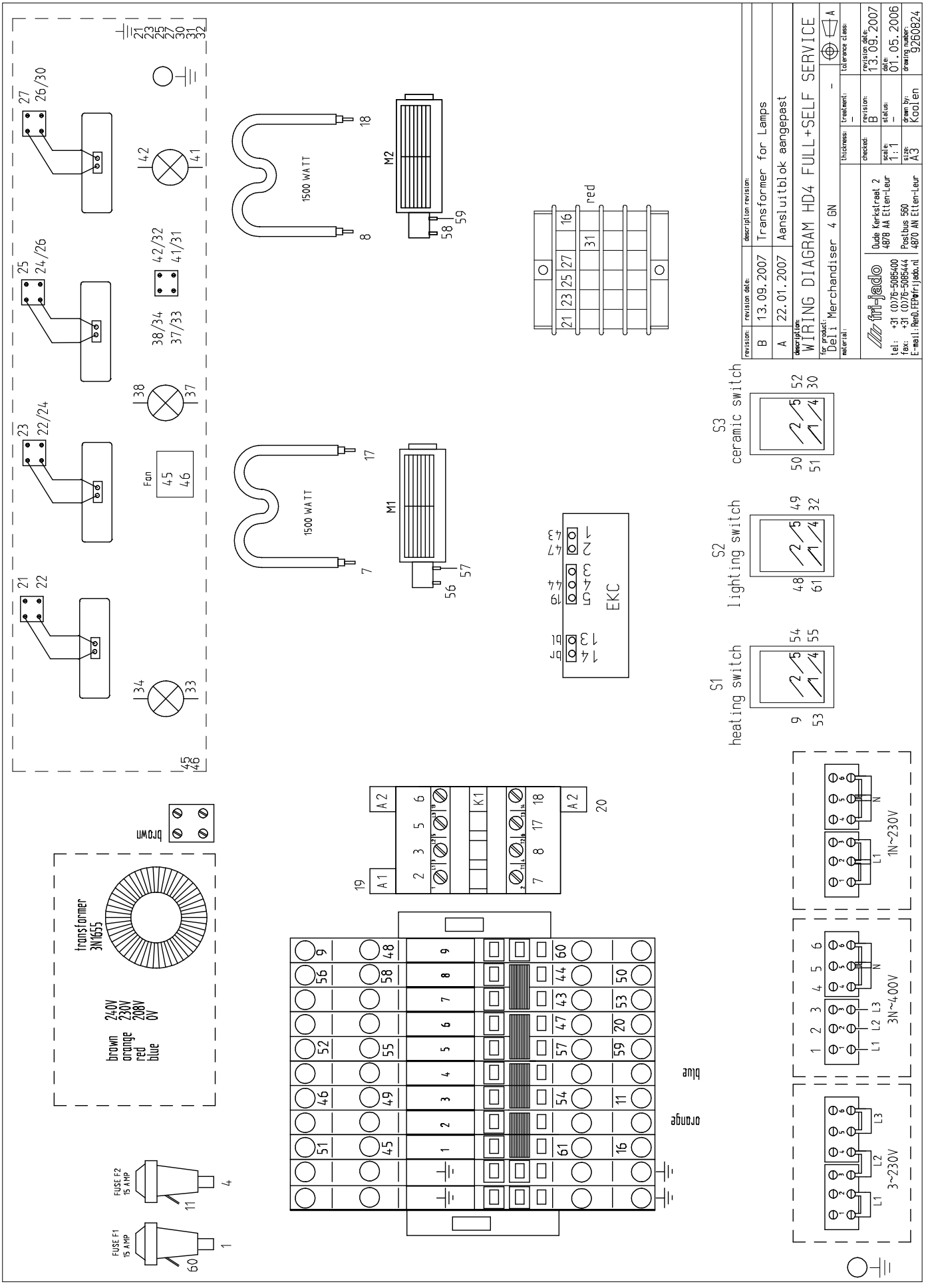


CIRCUIT DIAGRAM HD 4 FULL & SELF SERVICE



WIRING DIAGRAM HD 4 FULL & SELF SERVICE



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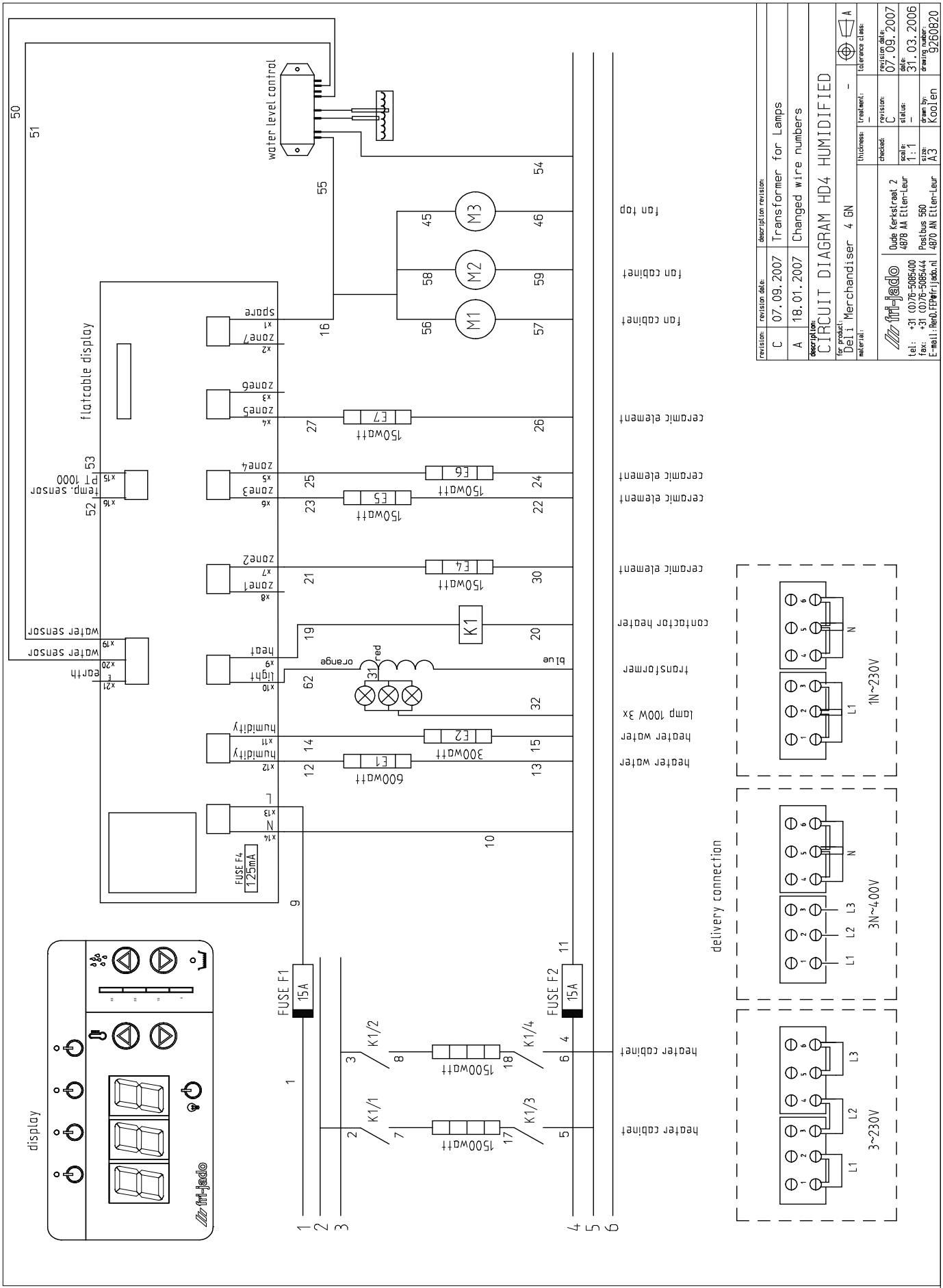

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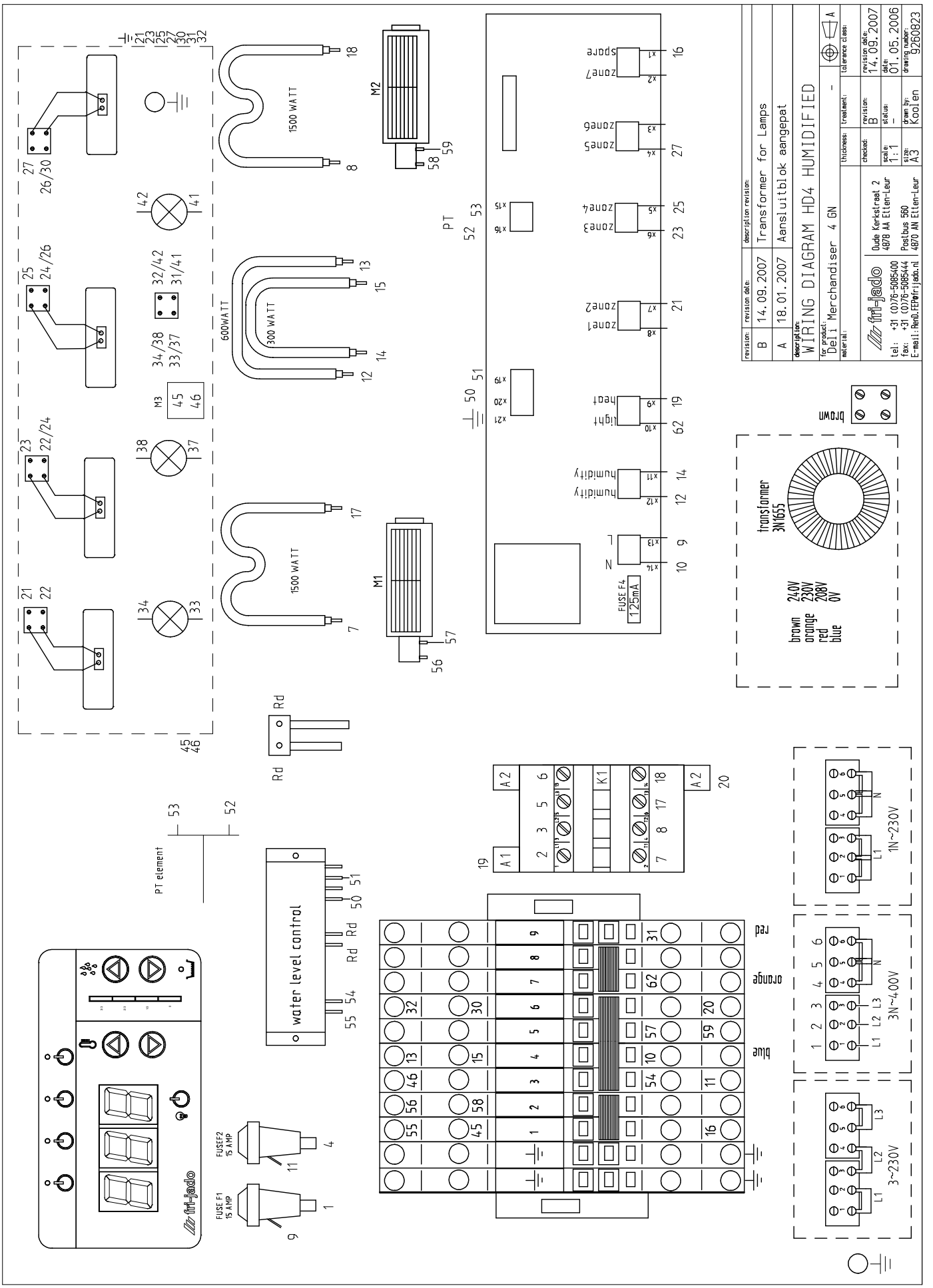
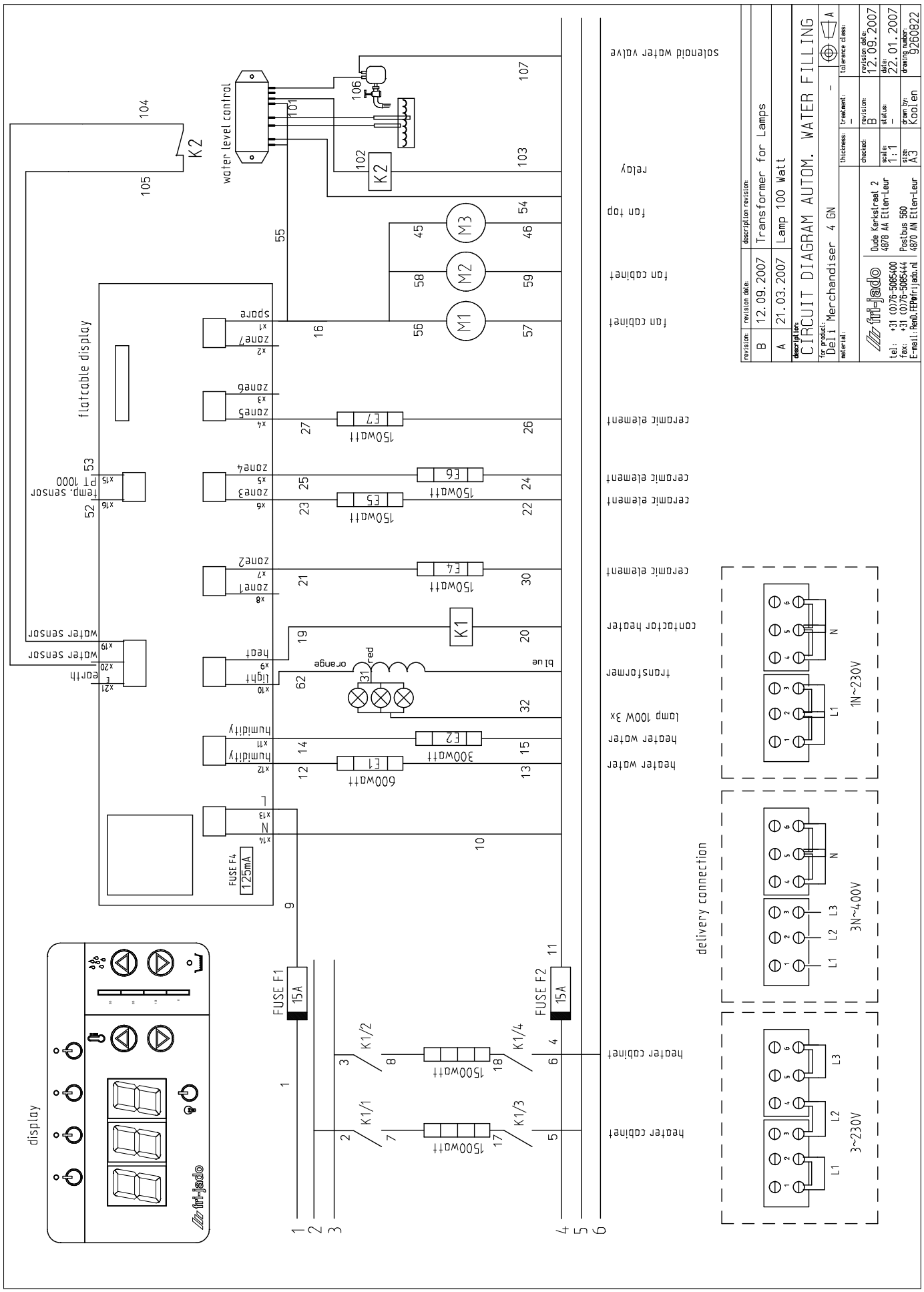
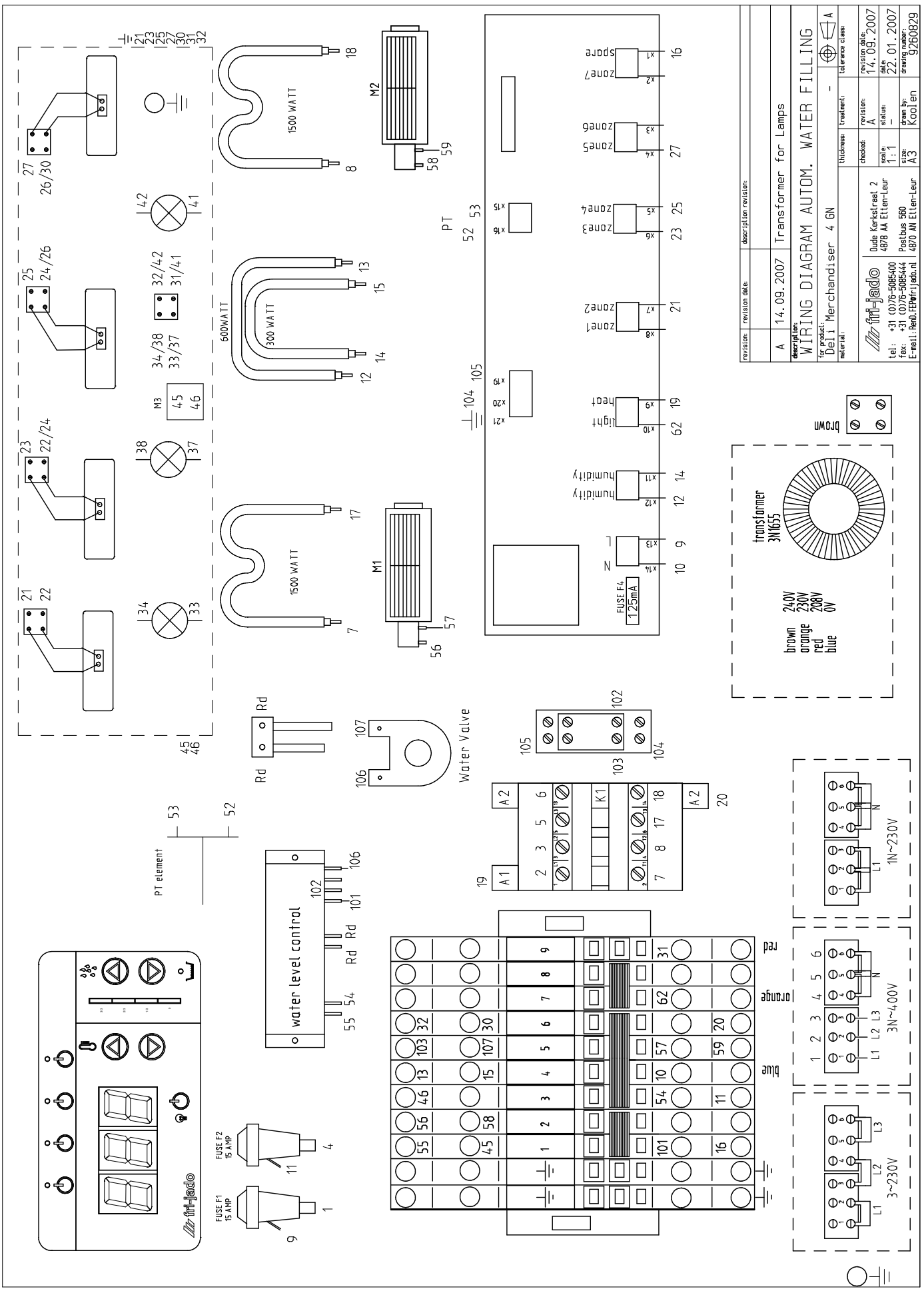


CIRCUIT DIAGRAM HD 4 HUMIDIFIED, AUTOMATIC WATER FILLING



WIRING DIAGRAM HD 4 HUMIDIFIED, AUTOMATIC WATER FILLING



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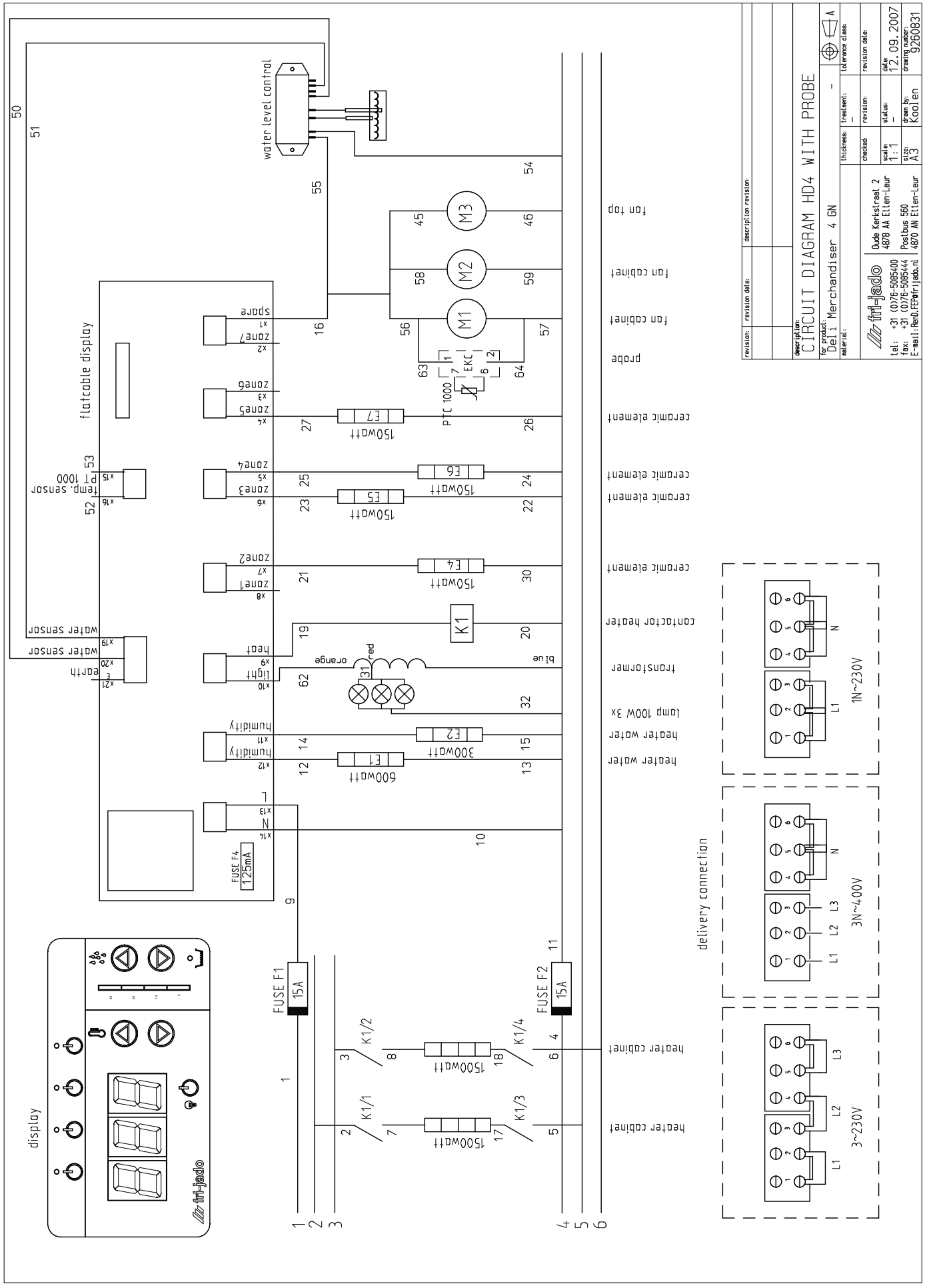
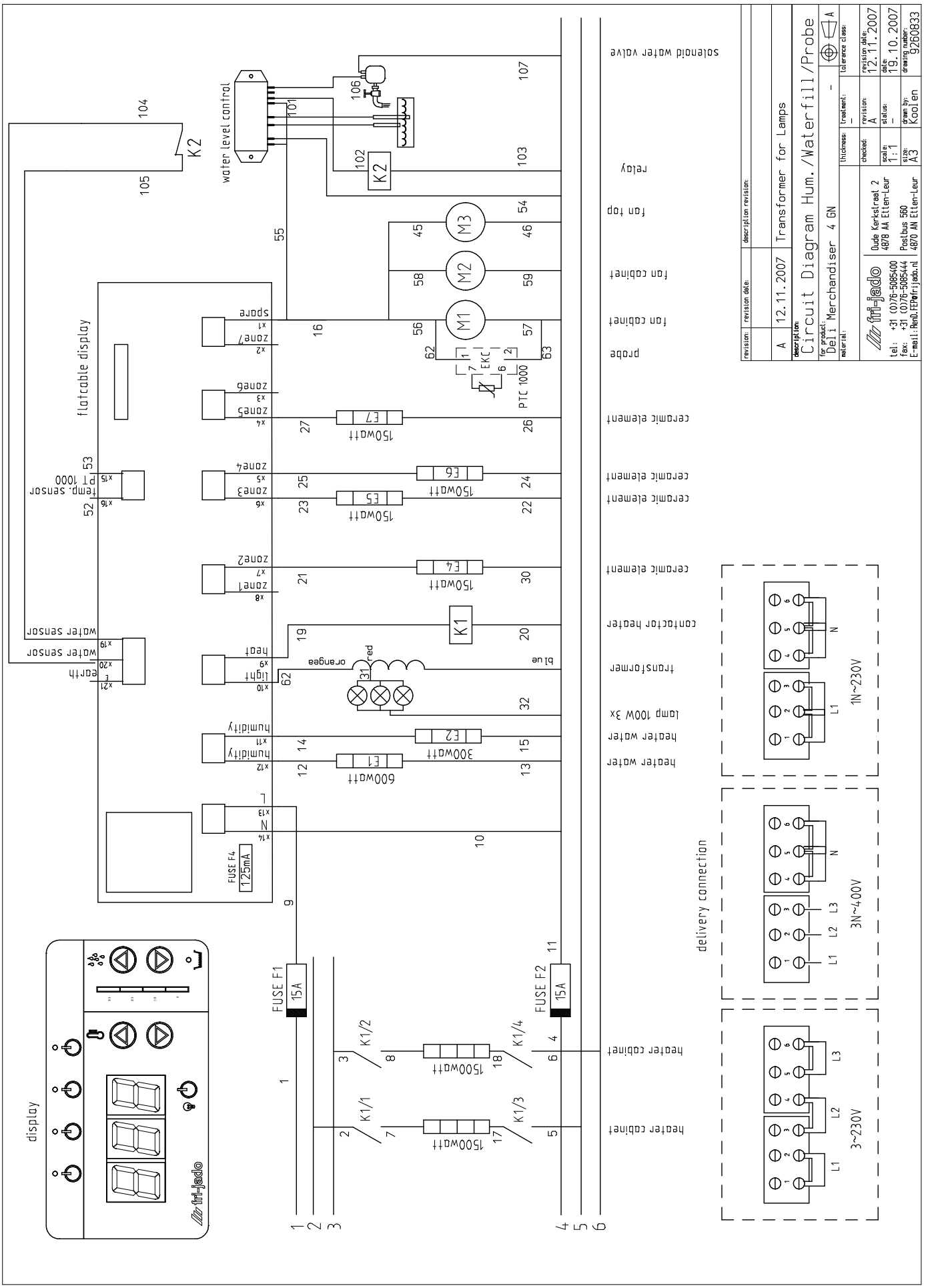
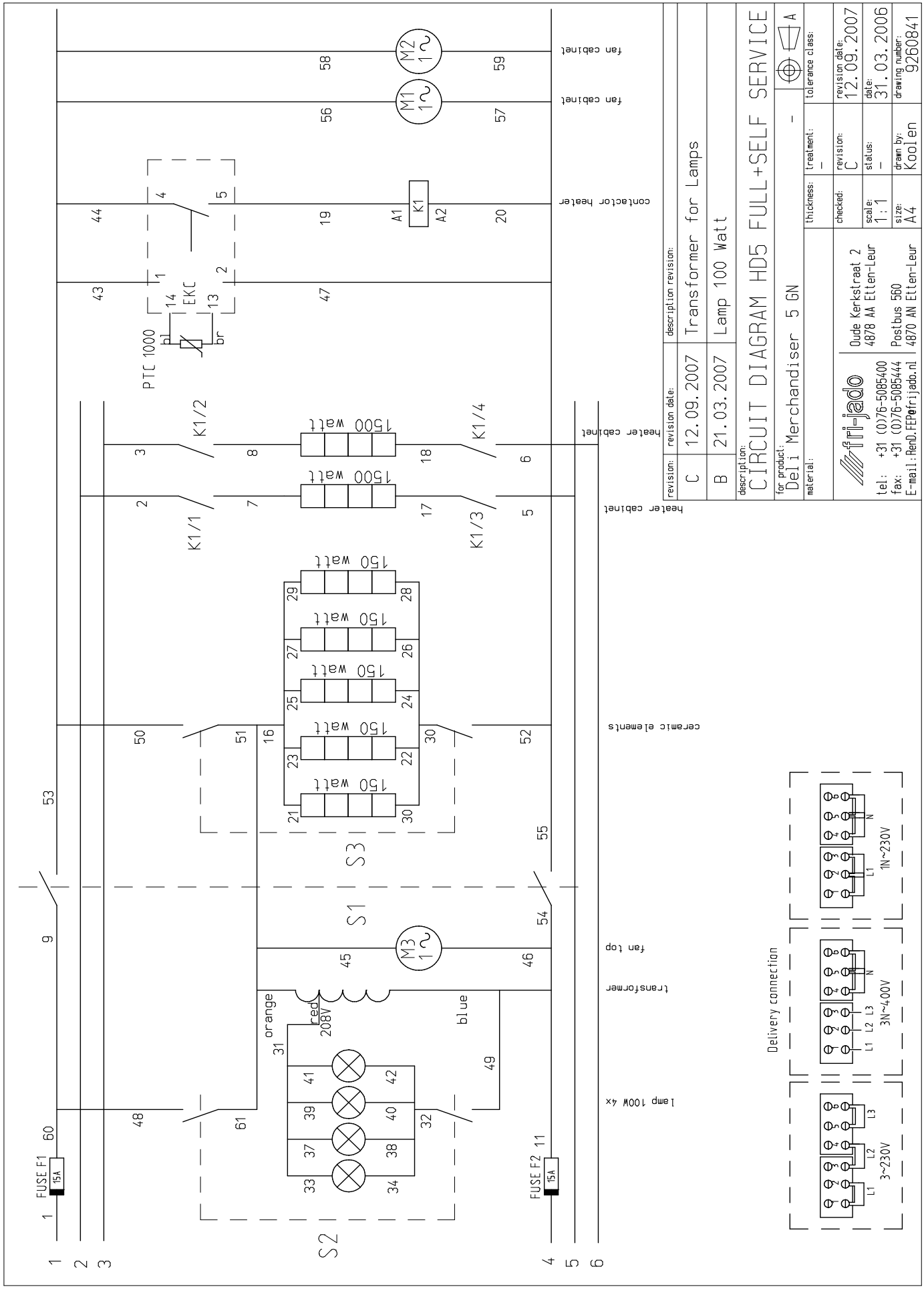


CIRCUIT DIAGRAM HD 4 HUMIDIFIED WITH PROBE, AUTOM. WATER FILLING



CIRCUIT DIAGRAM HD 5 FULL & SELF SERVICE



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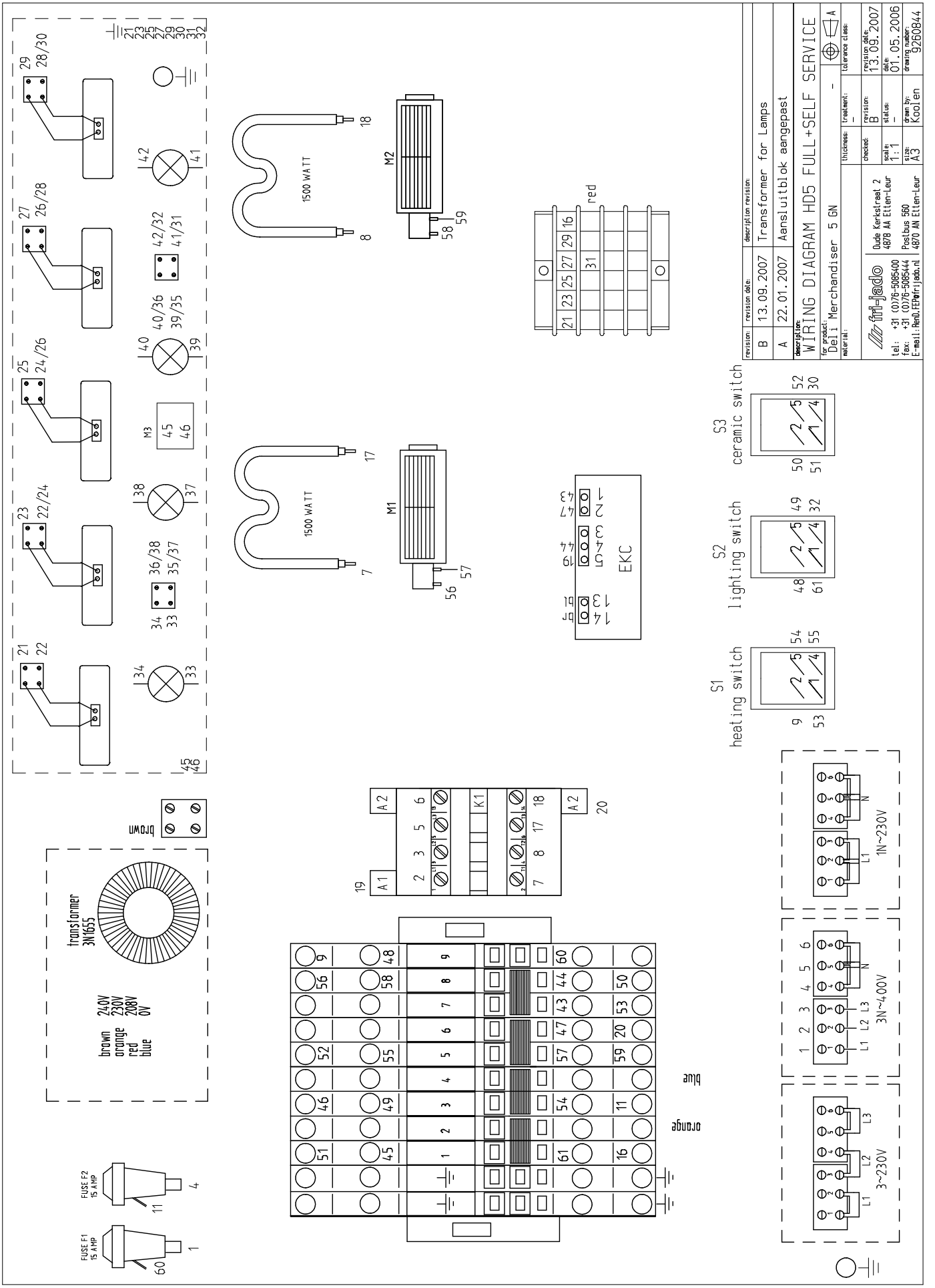

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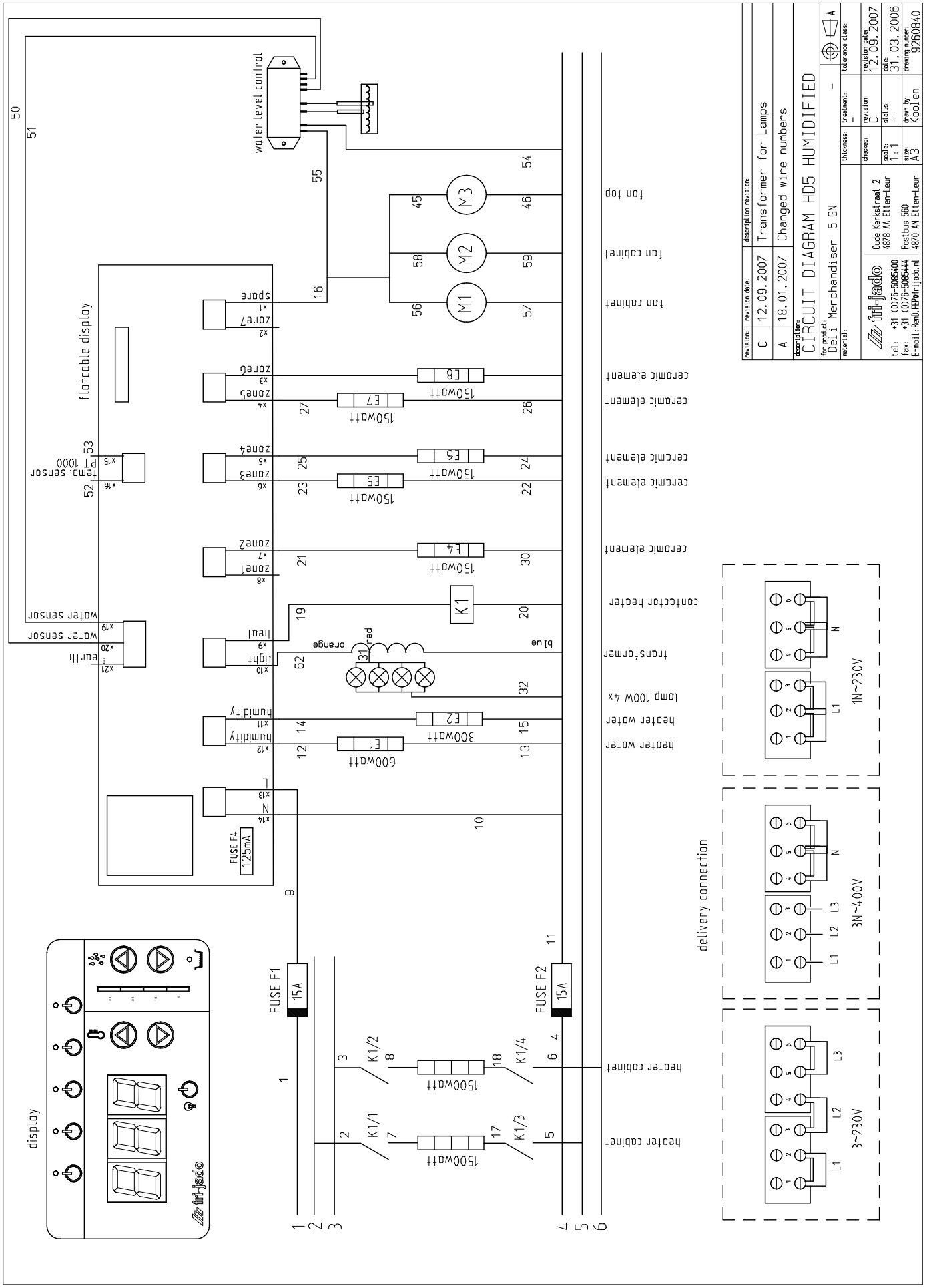

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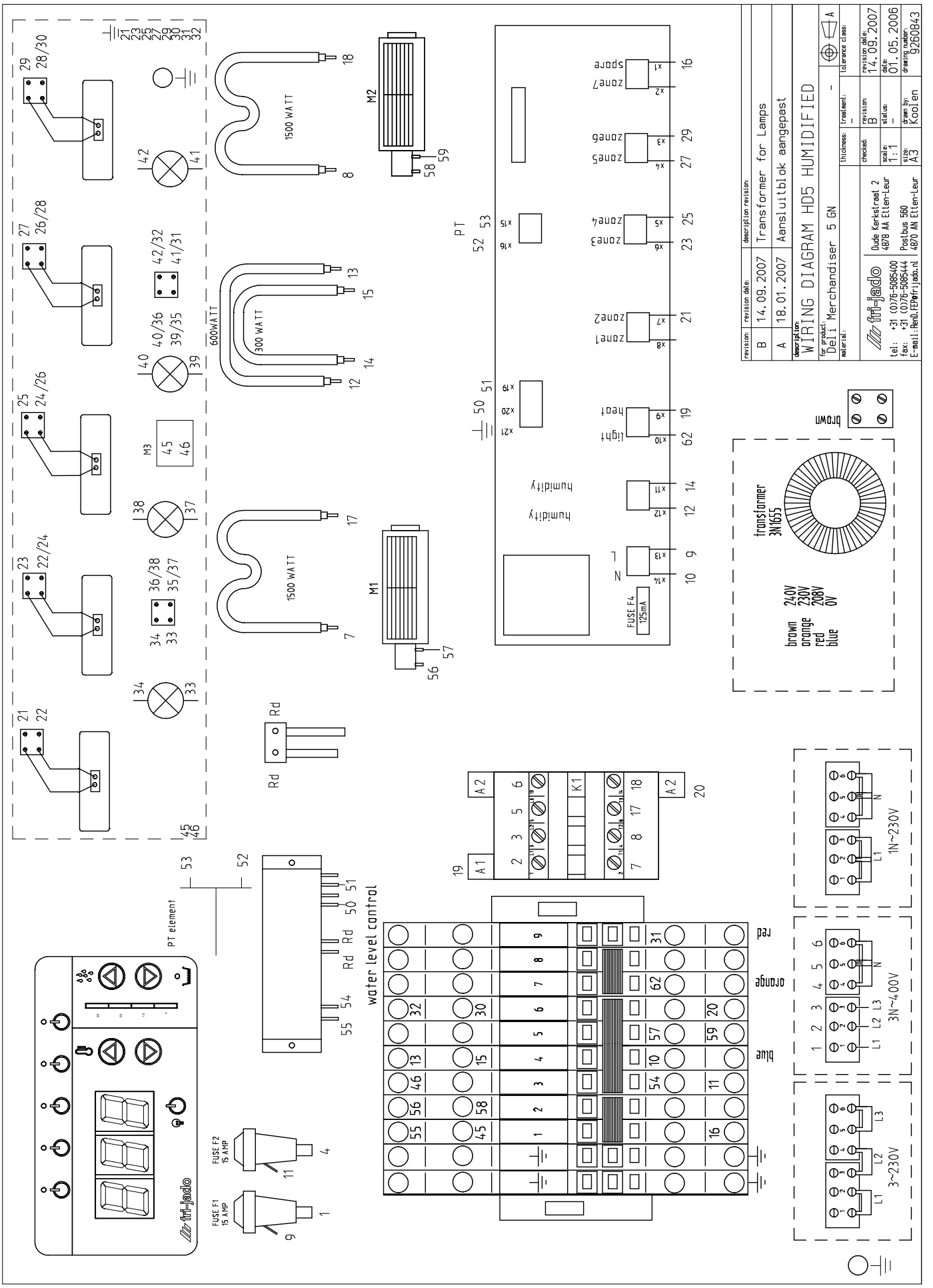
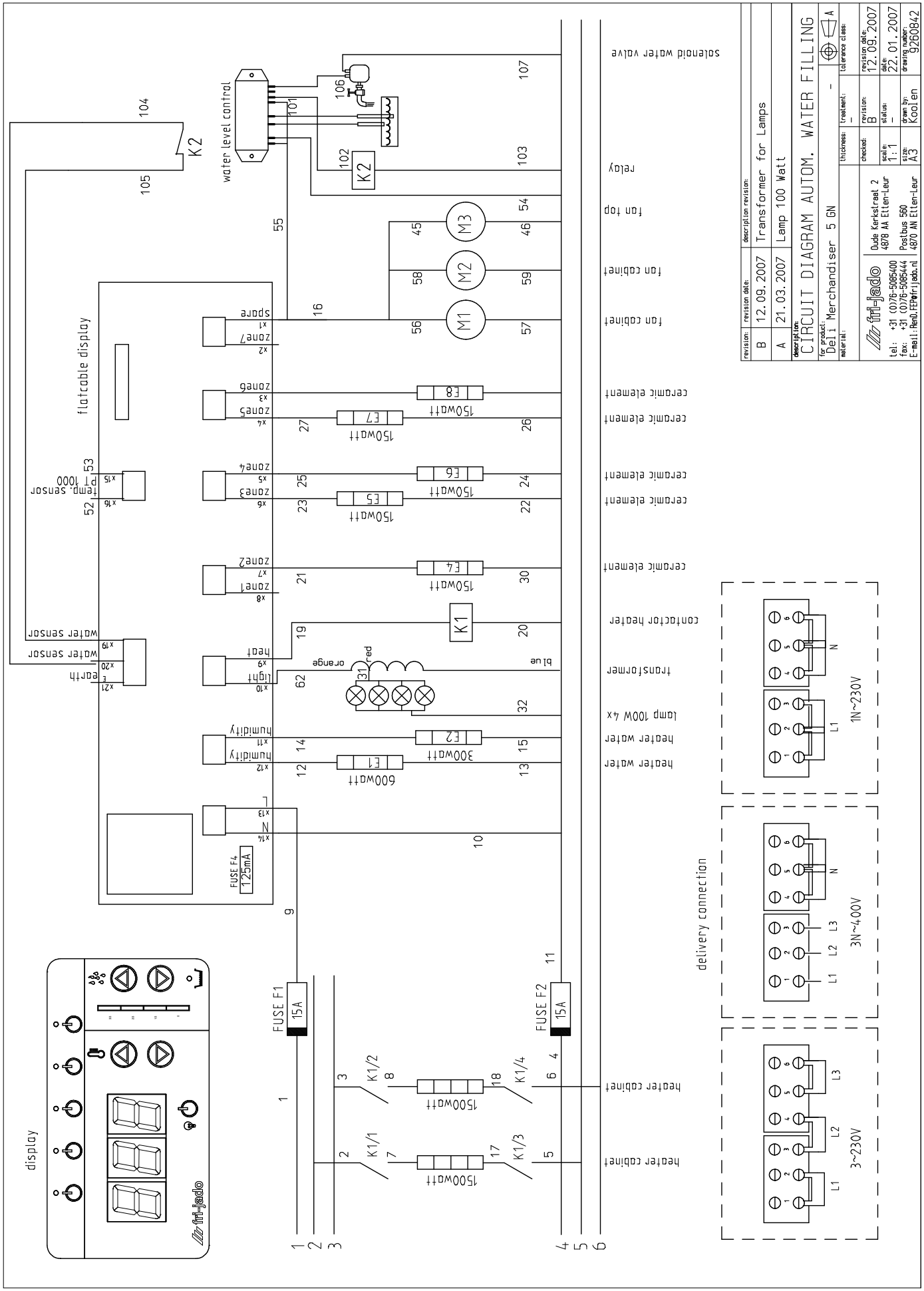


CIRCUIT DIAGRAM HD 5 HUMIDIFIED, AUTOMATIC WATER FILLING



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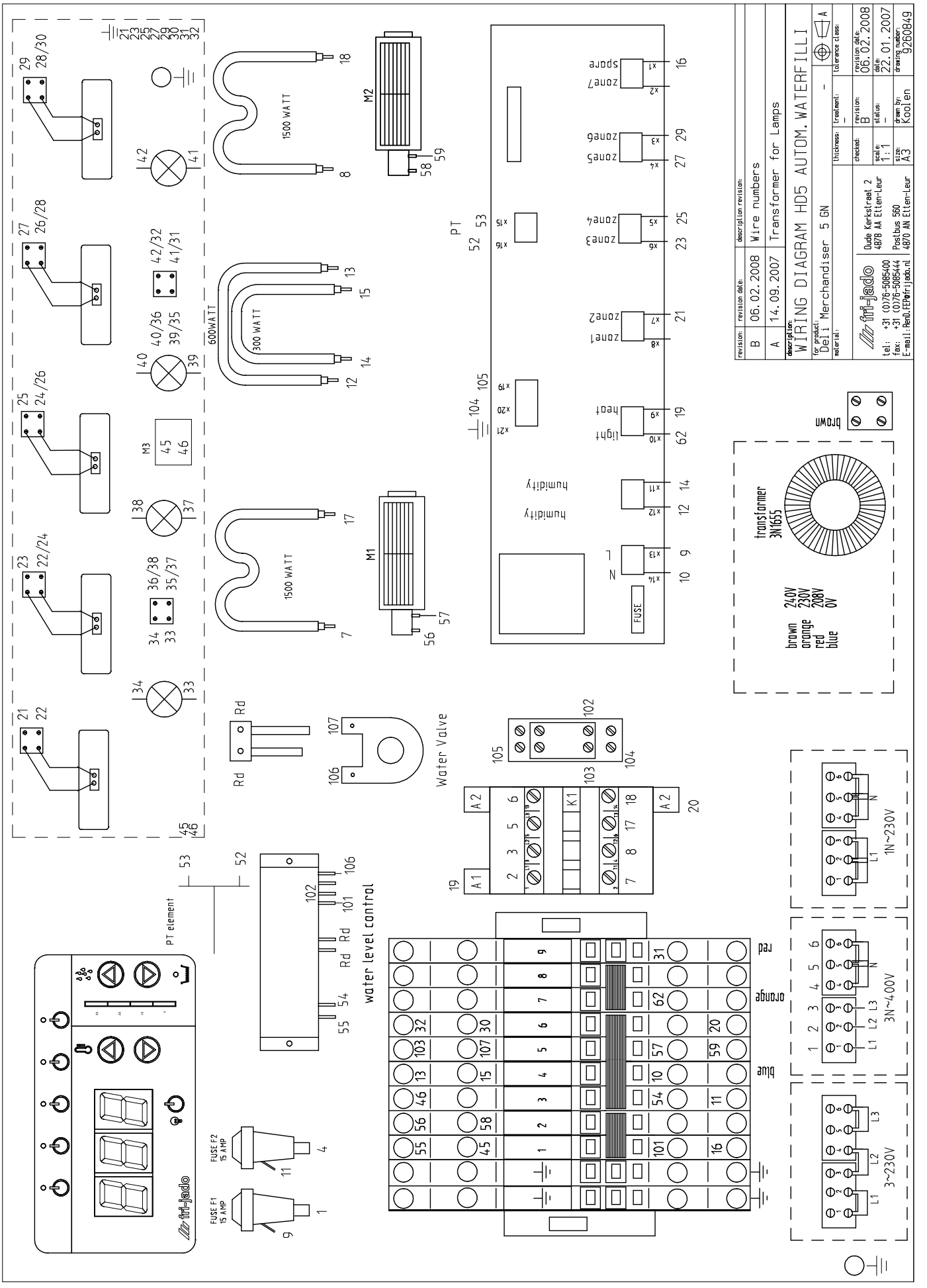

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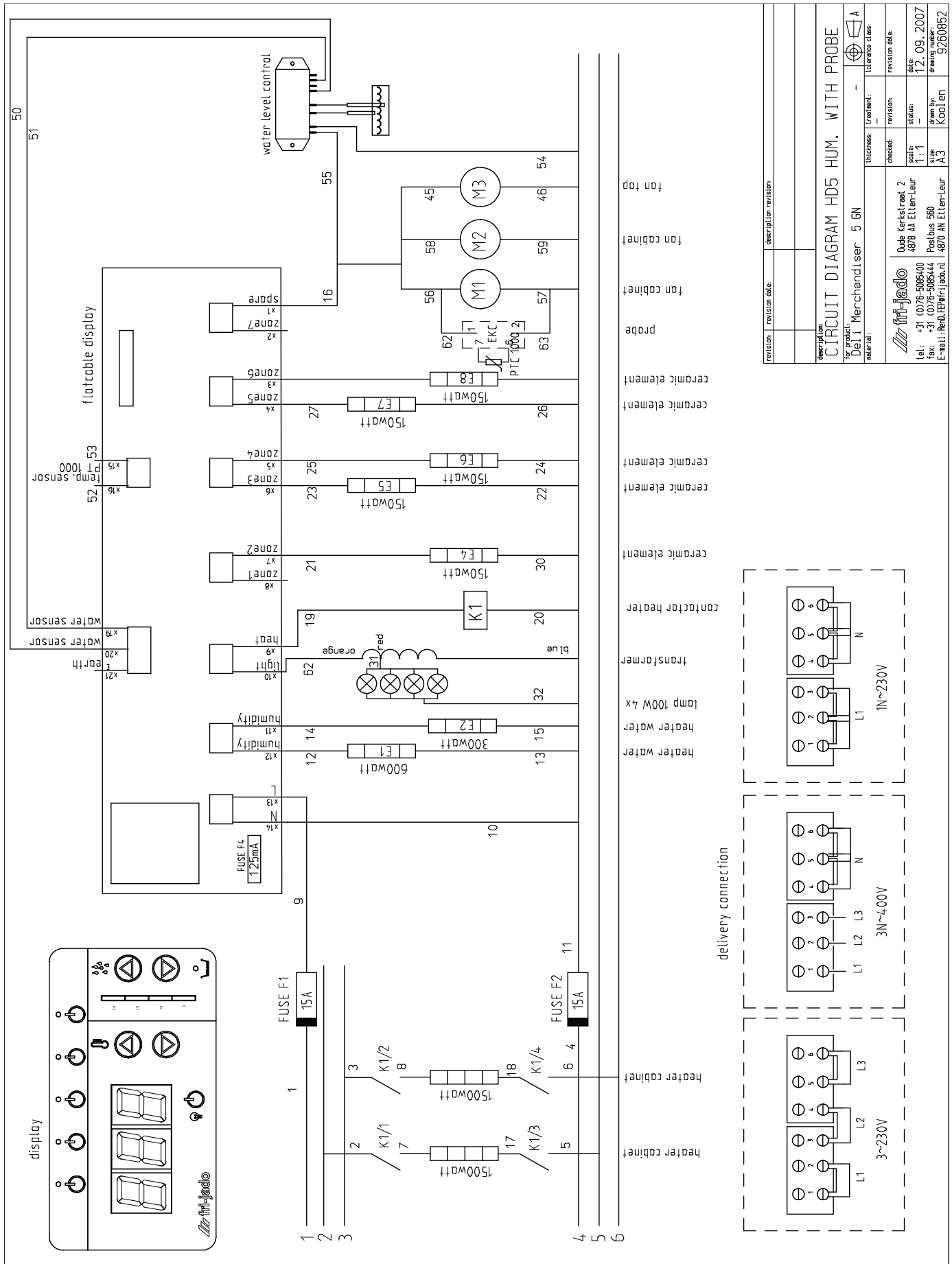

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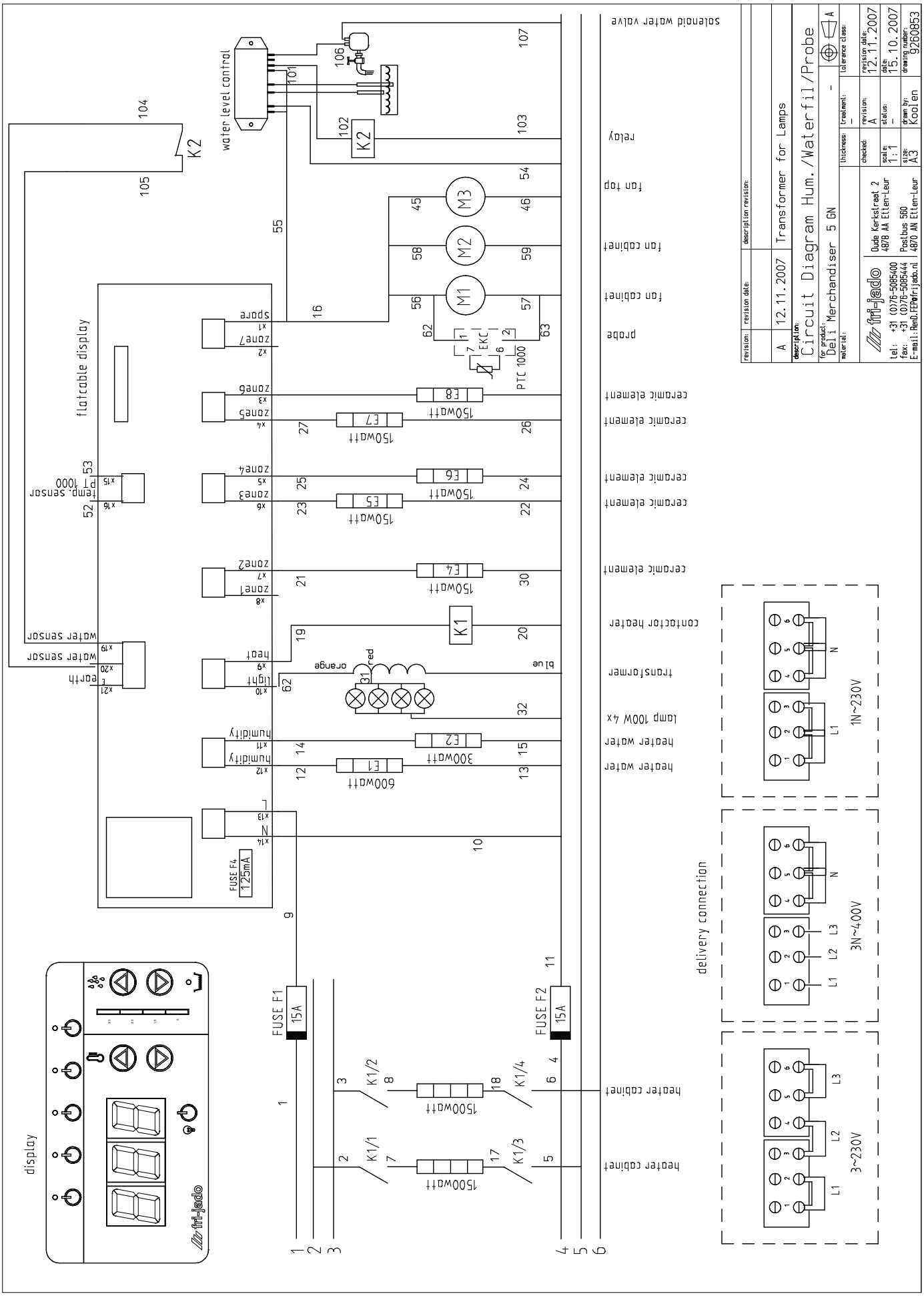
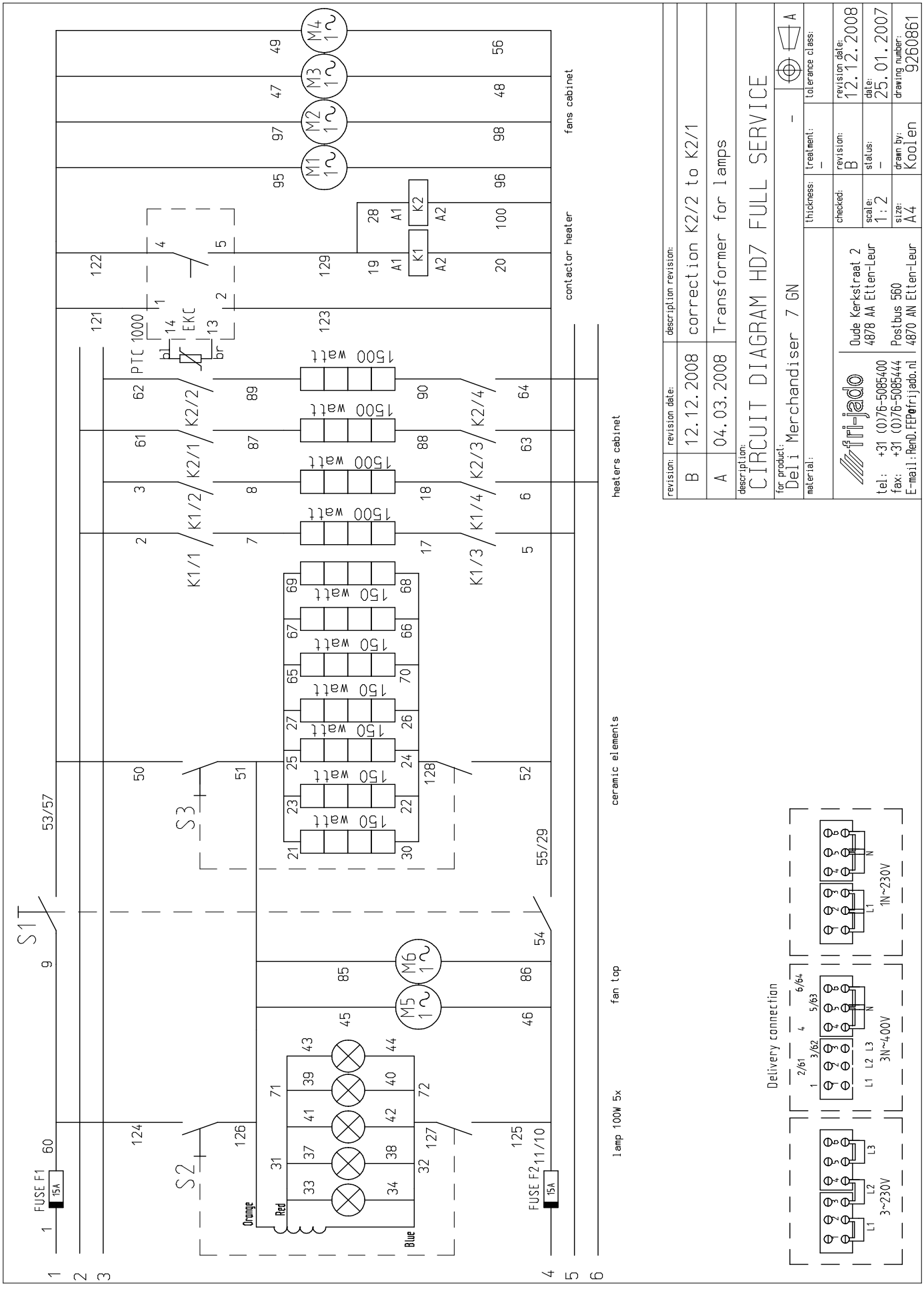


CIRCUIT DIAGRAM HD 7 FULL SERVICE (TILL NOV. 2009)



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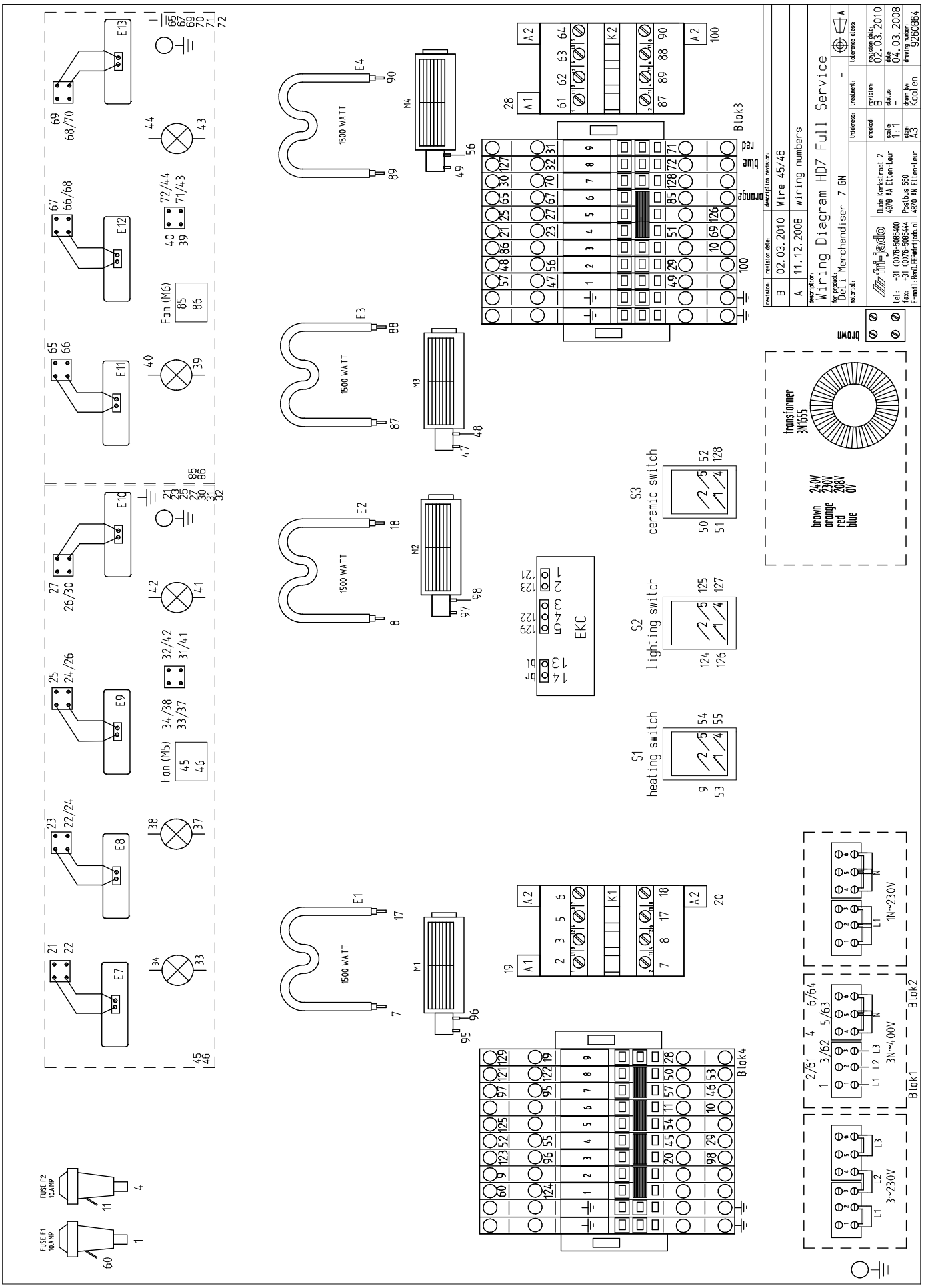

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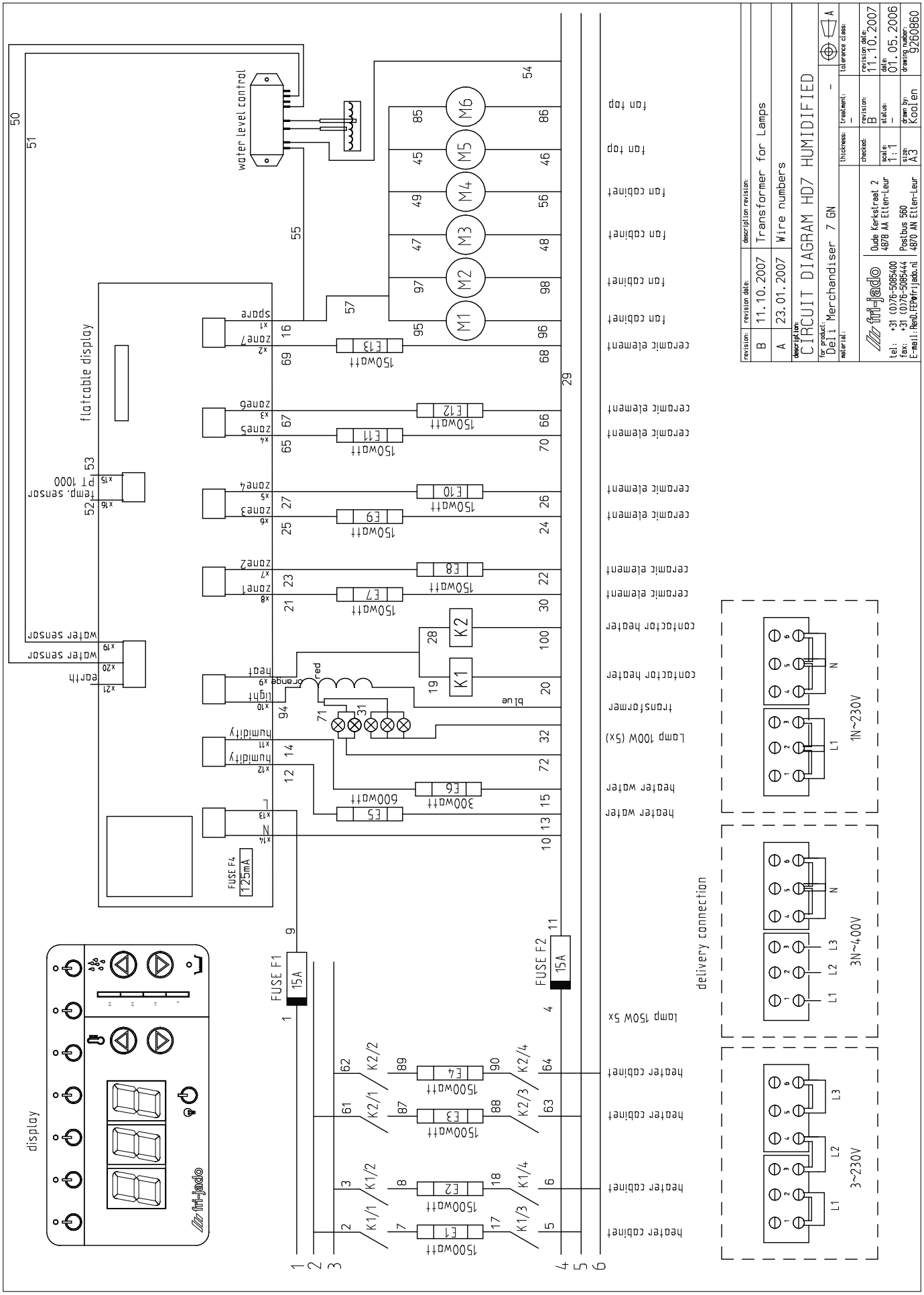

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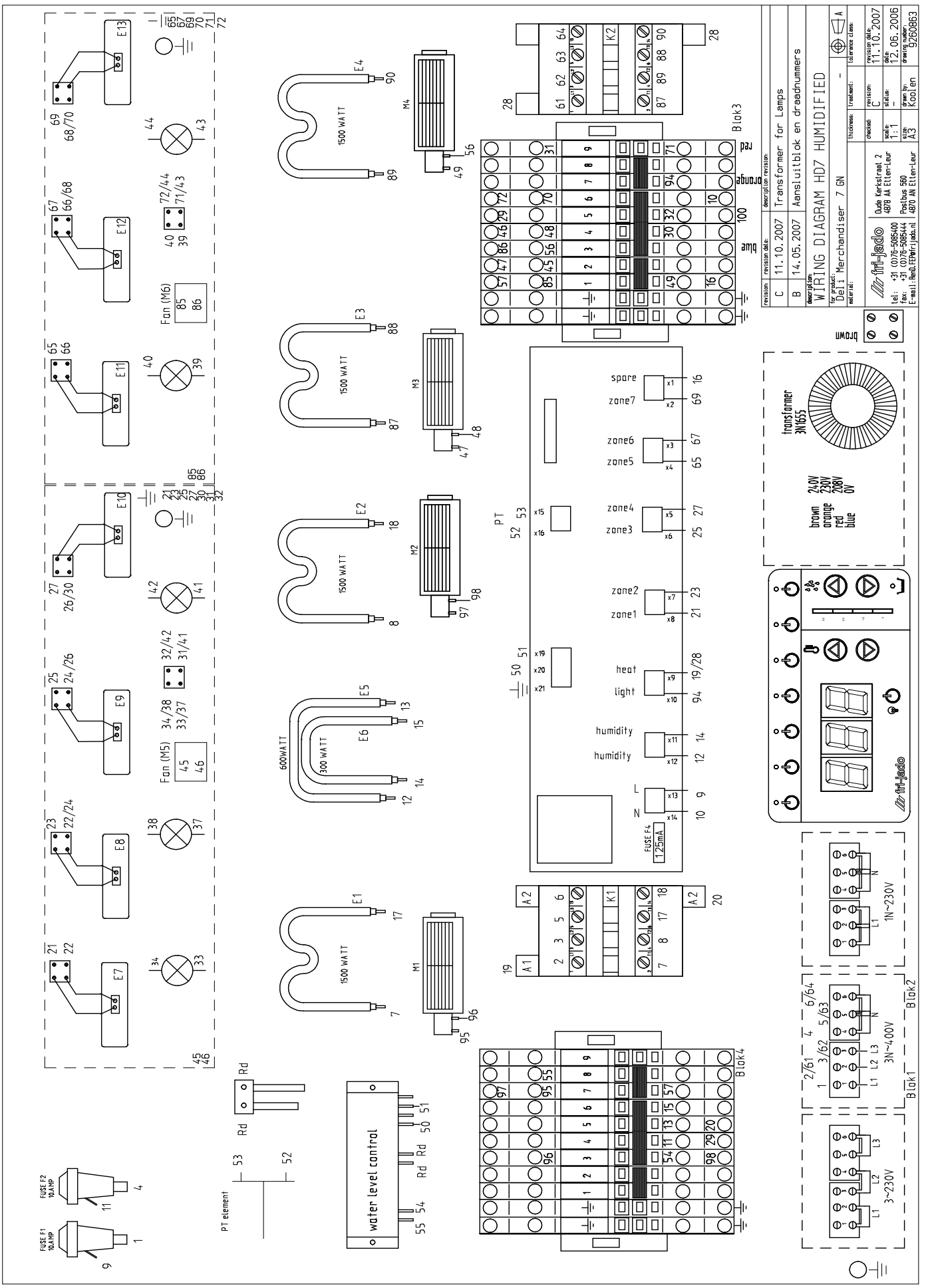
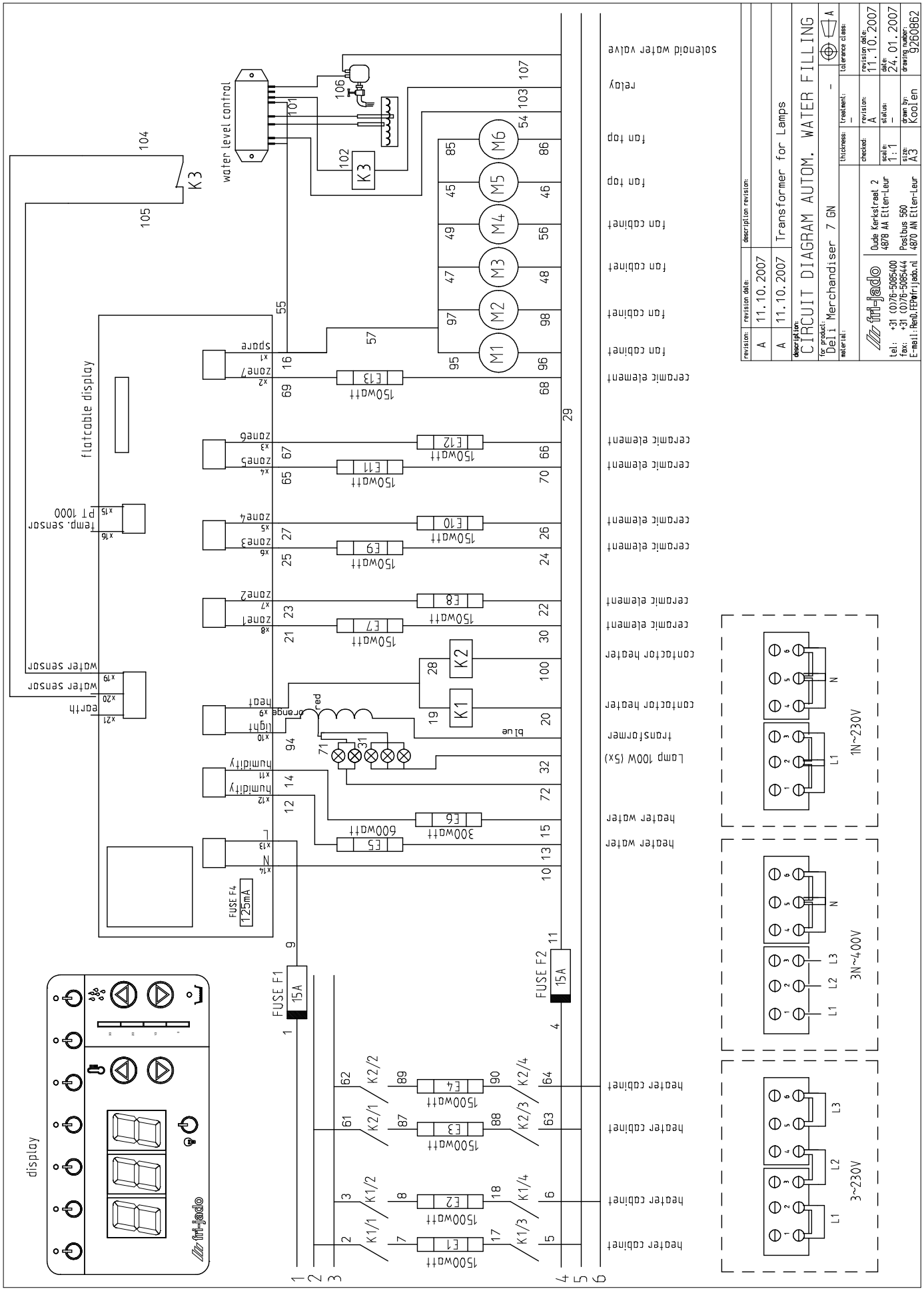


CIRCUIT DIAGRAM HD 7 HUMIDIFIED, AUTOMATIC WATER FILLING



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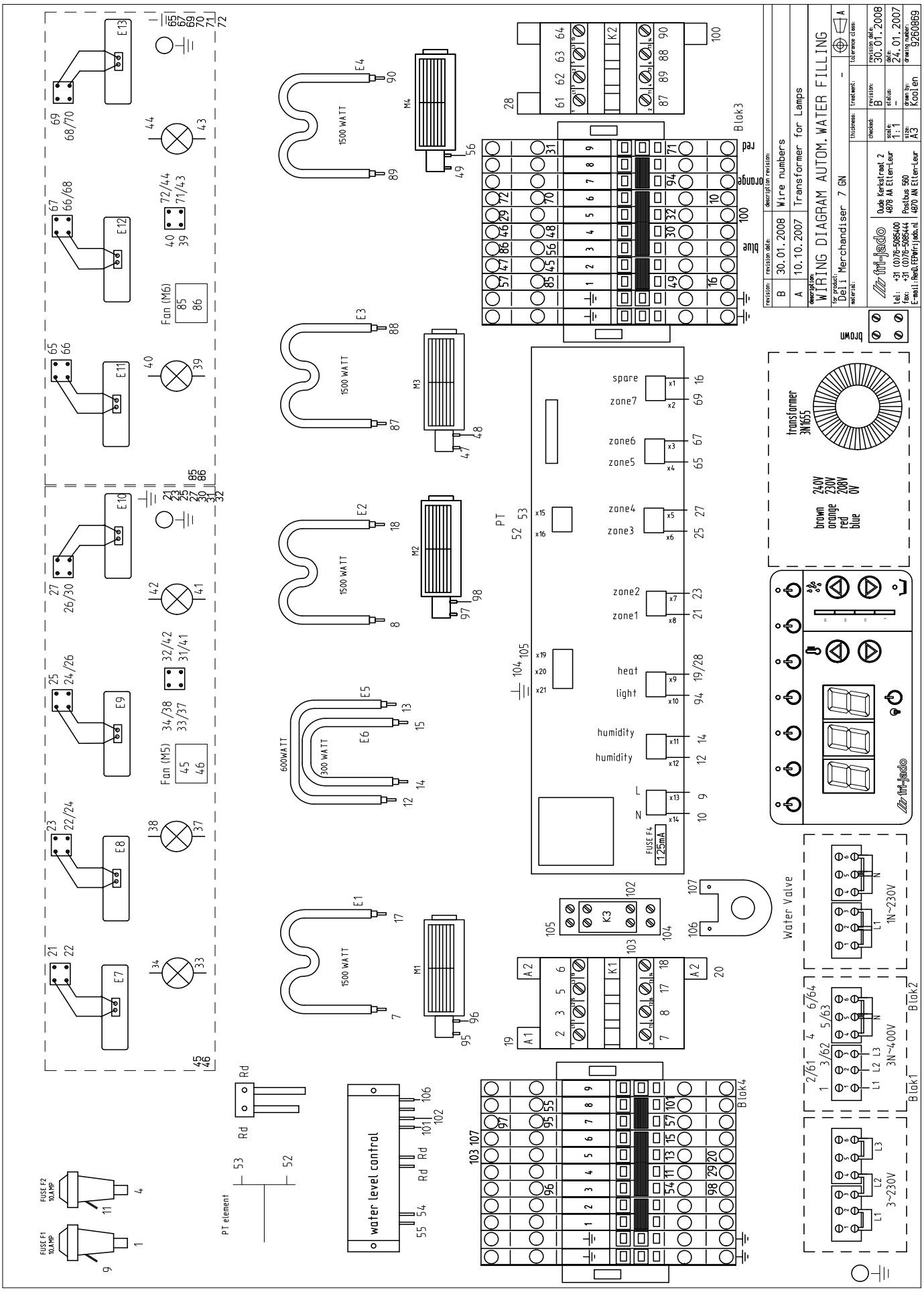
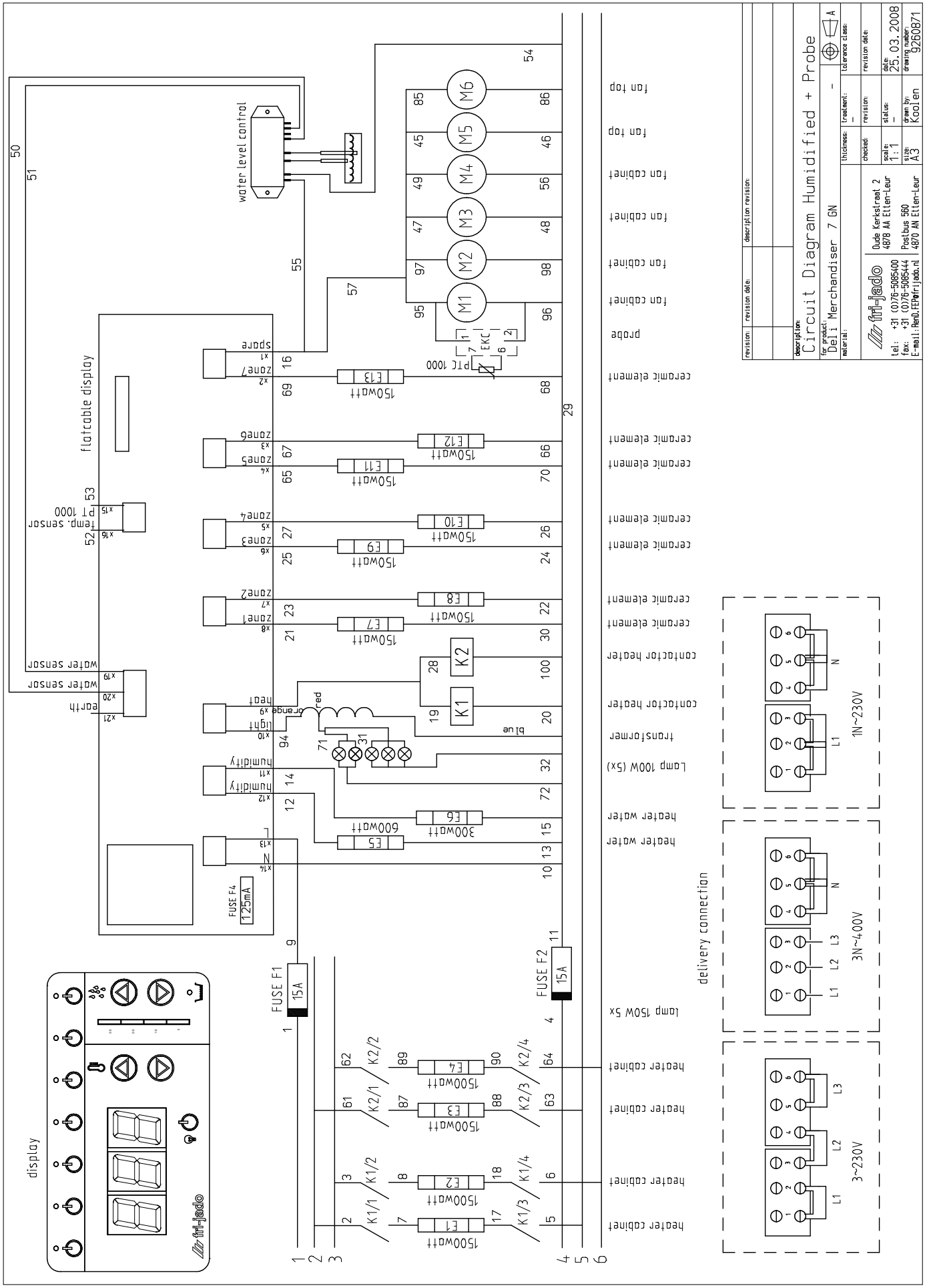


CIRCUIT DIAGRAM HD 7 HUMIDIFIED WITH PROBE



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